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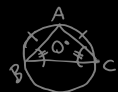
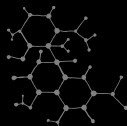
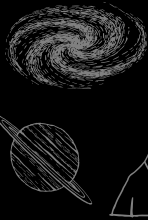
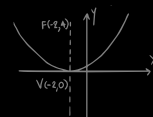
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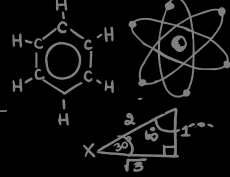
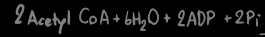
$$\sim \exists x \exists y [p(x, y)] \equiv \forall x \forall y [\sim p(x, y)]$$



Lerne den Fandesigner kennen

Daniel Bradley (LEGO® Ideas Name: danielbradleyy) aus Großbritannien macht eine Ausbildung zum Buchhalter. Beim LEGO Ideas Wettbewerb *Celebrate the Wonder of STEM!* im Jahr 2023 hat er sowohl die Stimmen der Fans als auch der Jury erhalten. Dan liebt das Reisen und baut gerne LEGO Sets. Bei Letzterem hilft ihm sein geliebter Kater Zeus. Zeus ist vermutlich unser erster offizieller CFOL (Cat Fan of LEGO)! Mit seinem Beitrag *Wissen ist Macht* hat Dan die kindliche Neugier auf die Naturwissenschaften dargestellt. Er hofft, dass er mit diesem Modell sowohl Baumeister als auch MINT-Begeisterte jeden Alters inspiriert.



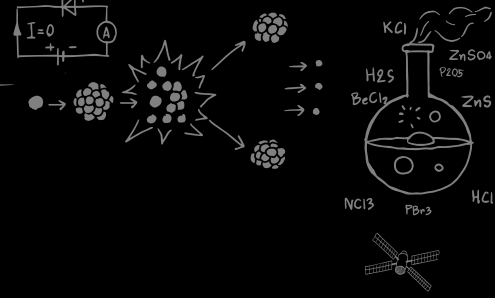


„Als Kind hatte ich ein Kinderlexikon, von dem ich völlig besessen war. Ich wollte die Neugier, die dieses Lexikon in mir entfachte, mit diesem aufgeschlagenen Buch darstellen, aus dem die verschiedenen MINT-Fachgebiete zum Leben erwachen und aus den Seiten emporsprießen. Mein jüngeres Ich hätte dieses Set mit großer Begeisterung gebaut. Wahrscheinlich hätte mein Lexikon neben mir auf dem Tisch gelegen, damit ich gleich zu jedem Thema hätte nachschlagen können. Ich wollte möglichst viele verschiedene MINT-Fachgebiete in einem Modell unterbringen und die Proportionen genau richtig hinbekommen. Ich bin sehr froh darüber, dass ich all die Details in meinem Beitrag untergekiegelt habe. Ich bin schon sehr gespannt, wie das endgültige Set bei den Fans ankommen wird. Mein Dank gilt allen, die meine Idee unterstützt haben, und natürlich auch dem LEGO Ideas Team, das mir diese unfassbare Chance eröffnet hat.“

*Fandesigner Daniel Bradley
und sein Originalbeitrag*



$$V_{ab} = I \sum (R + r) - \sum E$$



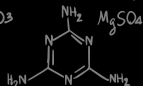
Von Neugier getrieben

MINT (Mathematik, Informatik, Naturwissenschaften und Technik) steht für die Kerndisziplinen, die moderne Innovationen und Problemlösungen vorantreiben. Diese Fachgebiete sind eng miteinander verwoben und helfen uns, unsere Umwelt besser zu verstehen und zu gestalten. Die Erkenntnisse aus diesen Fachbereichen helfen uns, Herausforderungen zu meistern und kritisch zu denken, und lassen uns Innovationen in unterschiedlichsten Feldern entwickeln.

Jede Disziplin trägt zu Verbesserungen und neuen Erkenntnissen in den anderen Fachgebieten bei. Die Technik basiert zum Beispiel auf physikalischen Prinzipien. Technologie baut auf dem Wissen aus Technik und Mathematik auf, und die Mathematik ist ganz entscheidend für die Fortschritte und Entdeckungen in allen MINT-Disziplinen.



$$\sin \frac{A}{2} = \sqrt{\frac{1 - \cos A}{2}} \quad 0.3$$



$$\cos \frac{A}{2} = \sqrt{\frac{1 + \cos A}{2}}$$

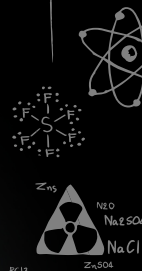
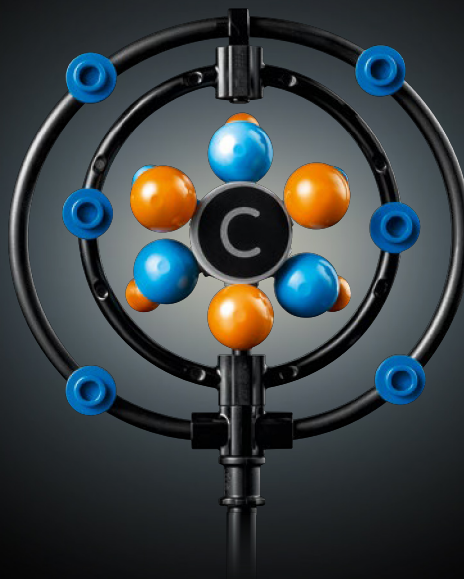
$$\frac{q_b}{m} = \frac{2V}{B^2 R^2}$$



Inspiration für Denker, Baumeister und Wegbereiter

Bei der Entwicklung von LEGO® Steinen und Modellen vertrauen wir auf die MINT-Prinzipien. Und beim Bauen lassen uns die Steine abstrakte Ideen erkunden und aktiv lernen, um diese Ideen dann in greifbare Konzepte umzusetzen. Jedes Mini-Modell aus diesem Set stellt eine bahnbrechende MINT-Errungenschaft dar.

Die MINT-Fachgebiete haben stets auf den Errungenschaften früherer Entdecker und Pioniere aufgebaut, zum Beispiel auf der Erfindung des Rades, der Kartierung seltener Arten, dem Bau von Computern und der Entsendung von Rovern auf den Mars. Neugier, Kreativität und das Streben nach Wissen waren diesen Wegbereitern gemein. Und diese Eigenschaften inspirieren uns auch heute noch zu neuen Entdeckungen und technologischen Fortschritten. Lasst euch von Sir Isaac Newton, Marie Curie und George Washington Carver auf eure Baureise durch die MINT-Geschichte begleiten.





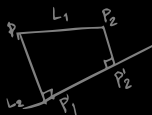
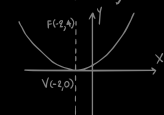
Anmerkungen des LEGO® Ideas Designteams

Daniels siegreicher Beitrag zu unserem Wettbewerb *Celebrate the Wonders of STEM!* erfüllte alle Vorgaben perfekt, denn diese fantastische „Explosion“ erweckt die MINT-Fachgebiete nicht nur zum Leben, sondern lässt sie förmlich aus den Seiten herausspringen, als ob sie sich nicht in einem Buch einschließen ließen.

Überall im Modell stecken Anspielungen auf technische Errungenschaften und wissenschaftliche Theorien, die dich hoffentlich zu eigenen Entdeckungsreisen aufbrechen lassen. MINT betrifft jeden Aspekt unseres Lebens und natürlich auch das Bauen mit LEGO® Steinen. Wenn du die einzelnen Teile baust, aus denen sich das Modell zusammensetzt, kannst du beobachten, wie die einzelnen MINT-Elemente funktionieren.

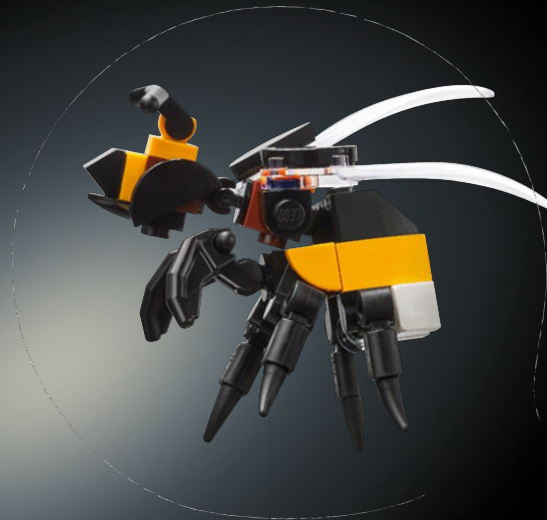
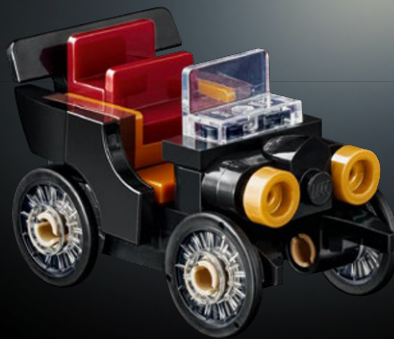


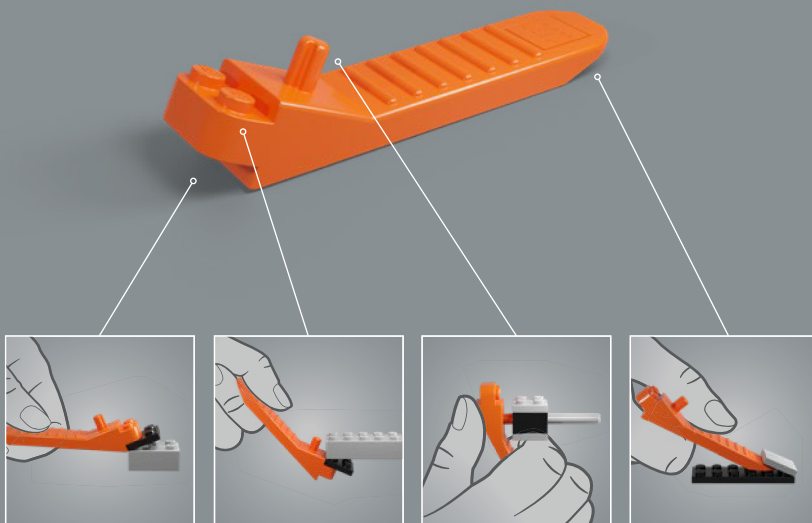
$$b = I \sum (R+r) - \sum E$$



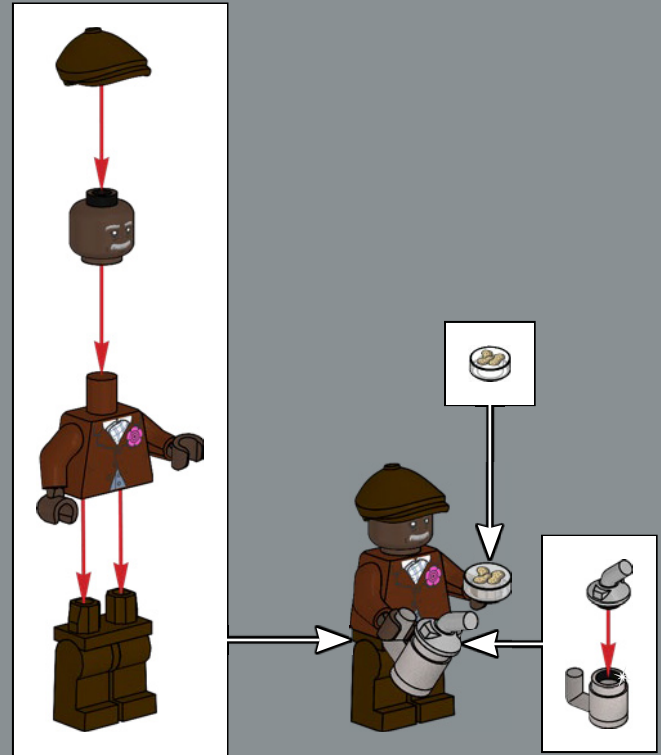
$$Eff = \frac{P_2}{P_1} \times 100\%$$

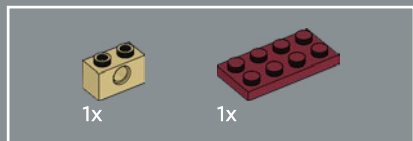
Jenseits aller harten Fakten verkörpert MINT eine sehr menschliche Geschichte von Entdeckungen, Widrigkeiten und Errungenschaften – und von Menschen, die von Leidenschaft und dem Wunsch nach einer besseren Welt angetrieben werden. Wir haben mit Daniel zusammengearbeitet, um den Bezug der einzelnen Elemente des Modells zu echten Beispielen herzustellen und einige historische MINT-Helden in Gestalt von Minifiguren besonders hervorzuheben. In diesem Modell erzählen wir die Geschichte von drei Personen. Hoffentlich inspirieren euch diese Persönlichkeiten dazu, weitere erstaunliche MINT-Geschichten zu erkunden.



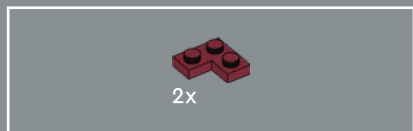
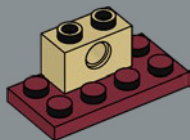


George Washington Carver (1864-1943) ist ein weltbekannter Chemiker, Pflanzenkundler und Menschenfreund, der sogar in die American National Inventors Hall of Fame aufgenommen wurde. Sein Lebensmotto lautet: „Die bloße Leistung ist das Maß des Erfolgs.“

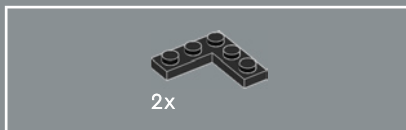
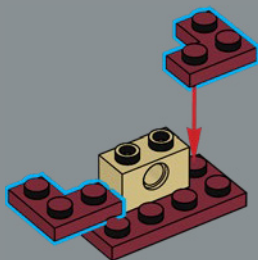




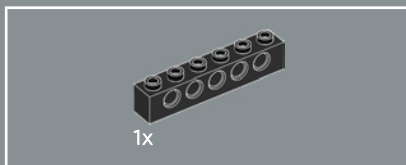
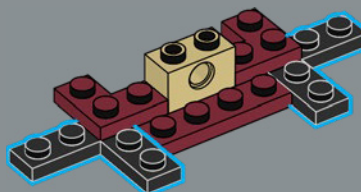
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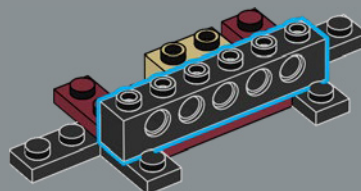
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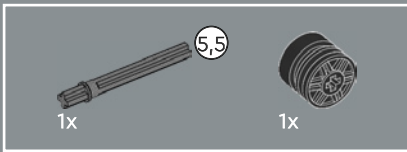


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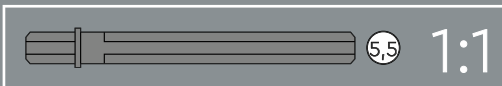
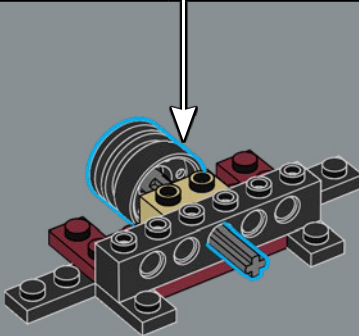
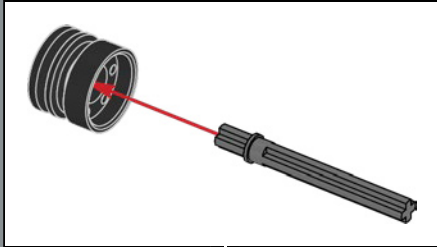


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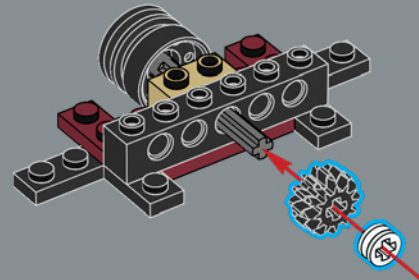


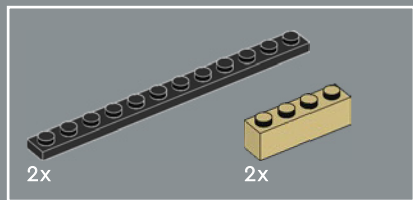


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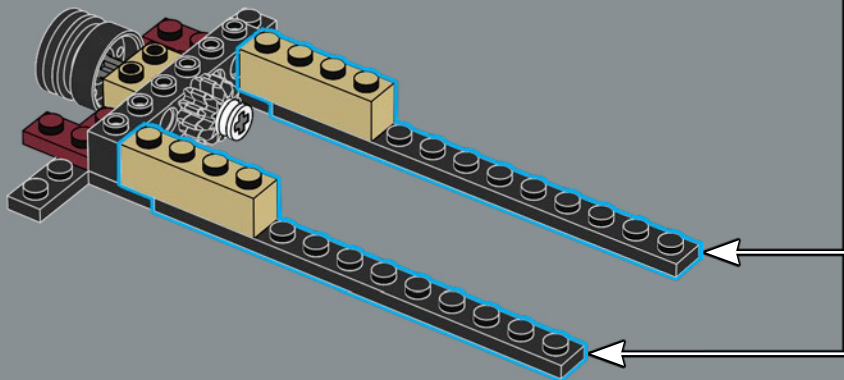
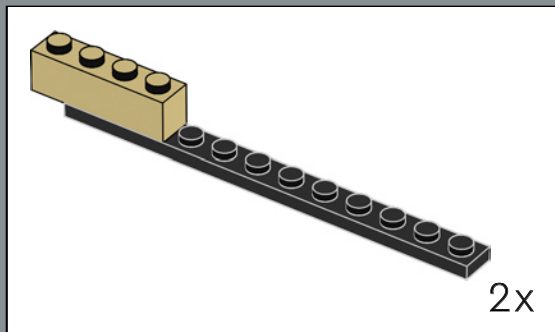


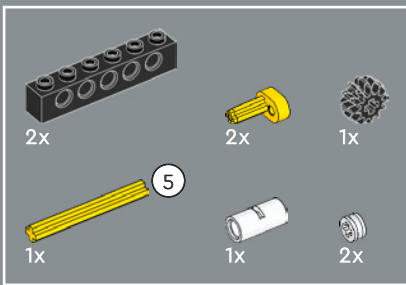
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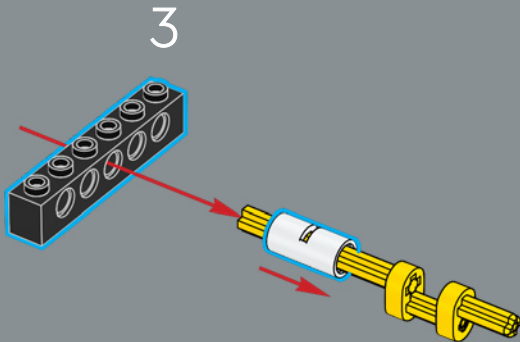
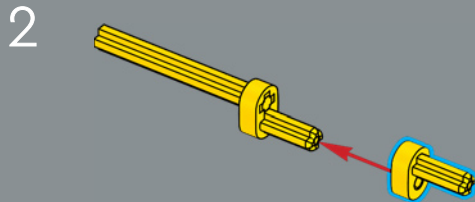
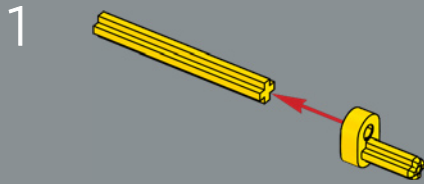


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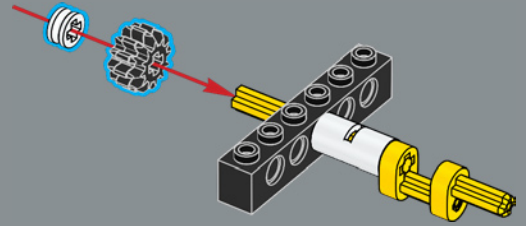




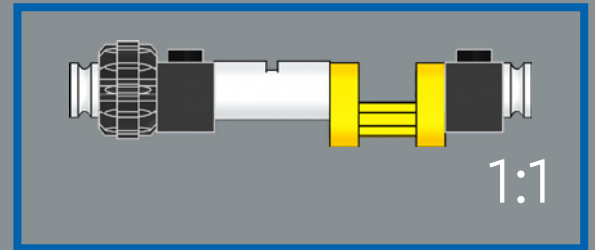
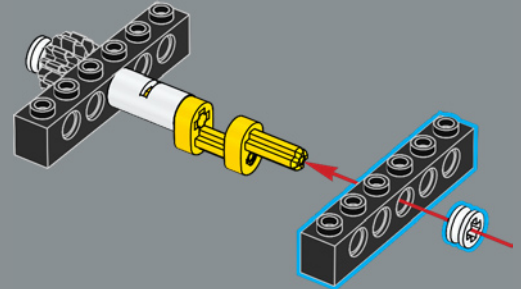
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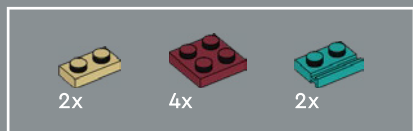
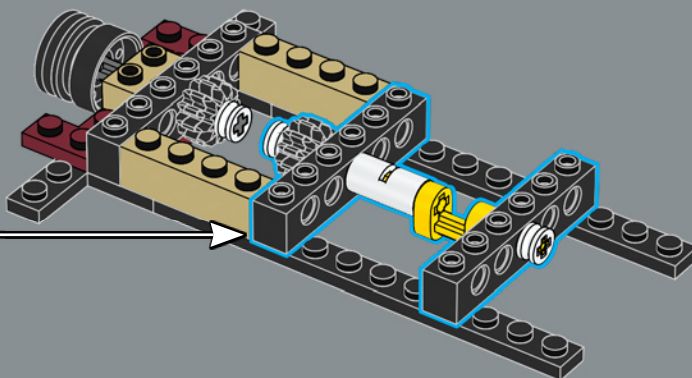


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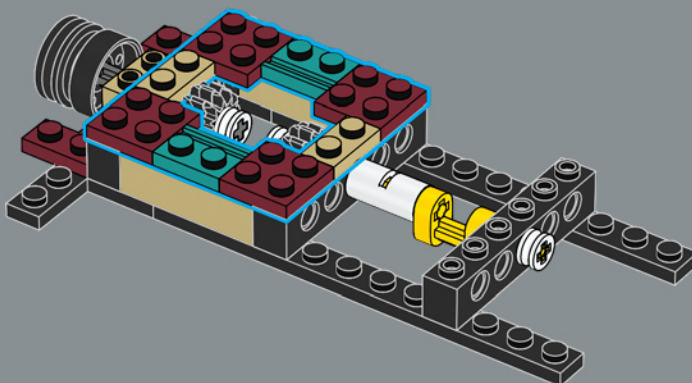


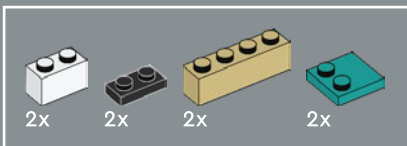
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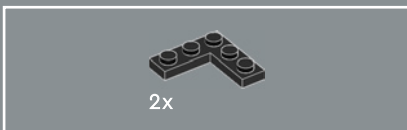
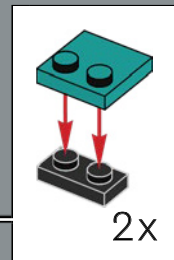
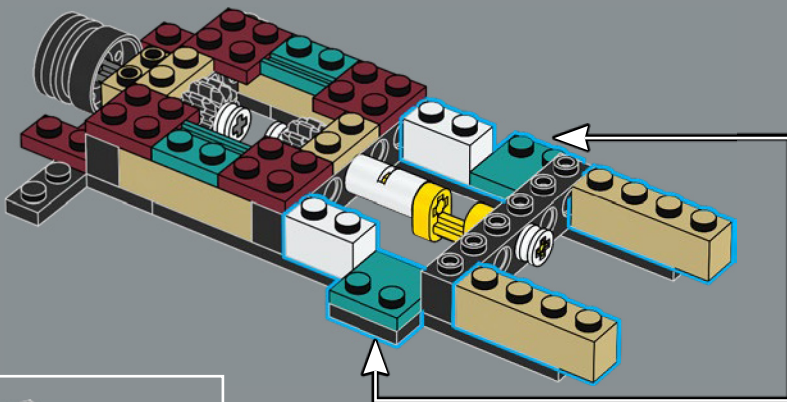


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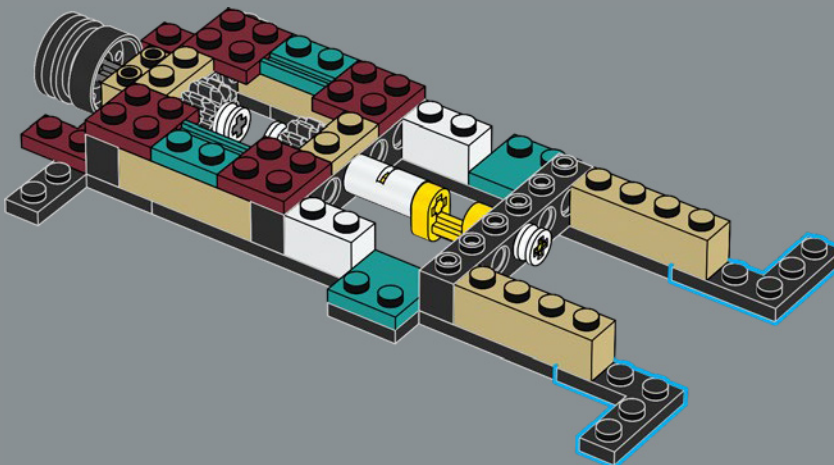


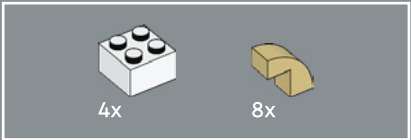


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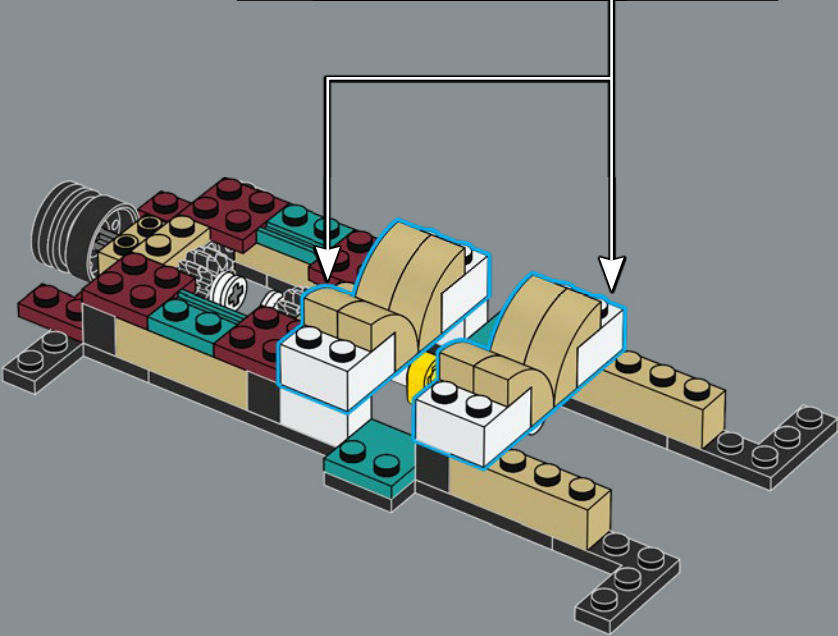
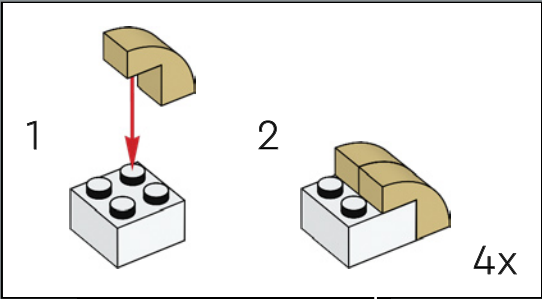


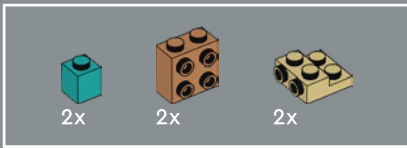
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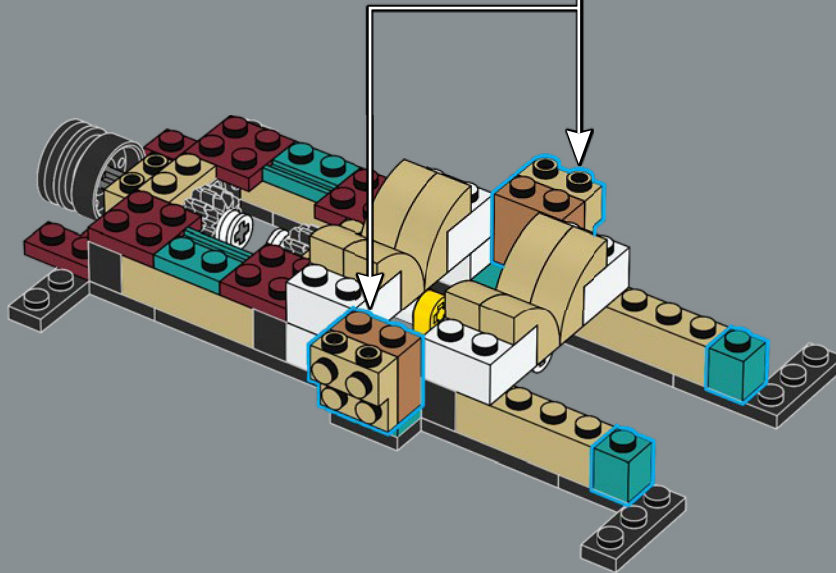
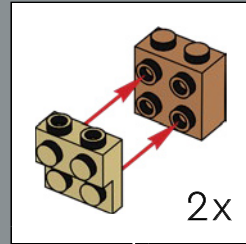


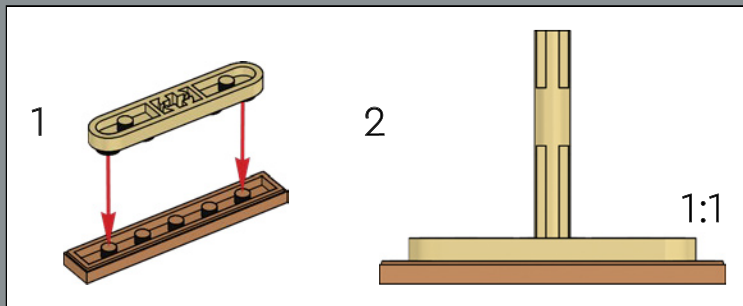
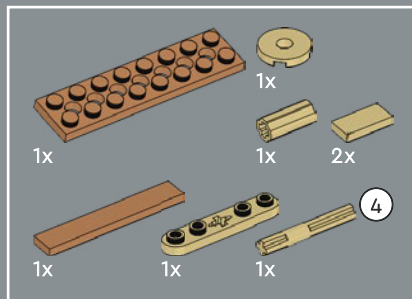
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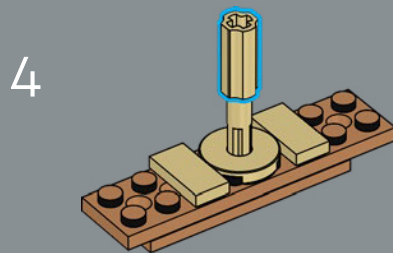
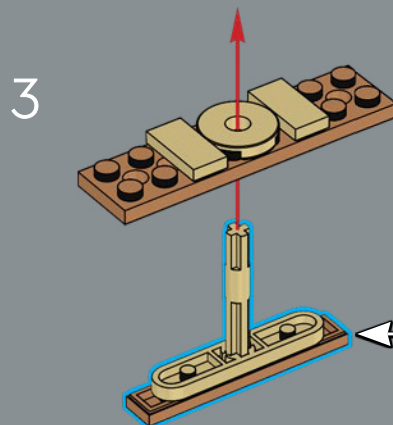
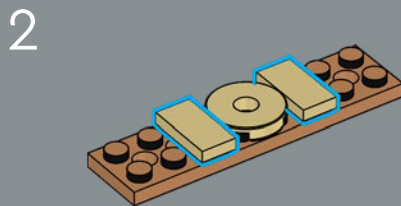
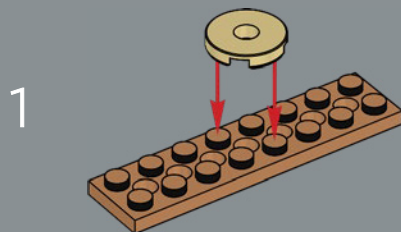


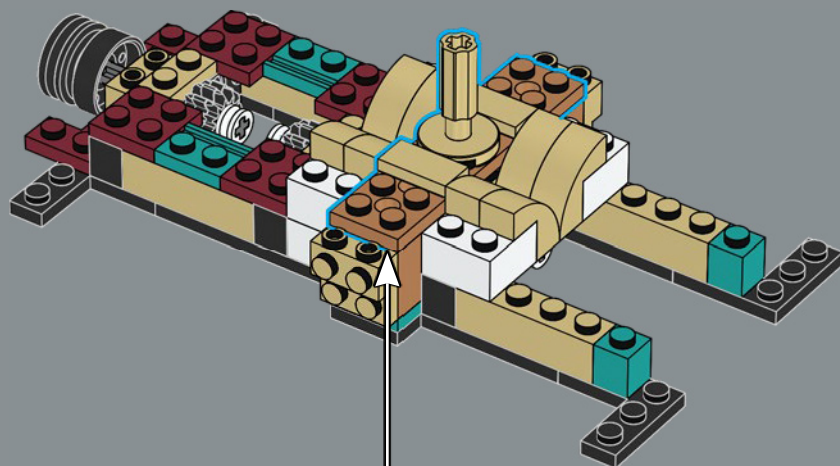
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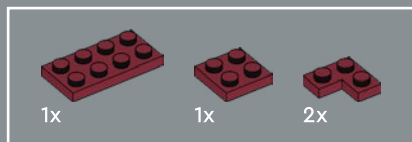




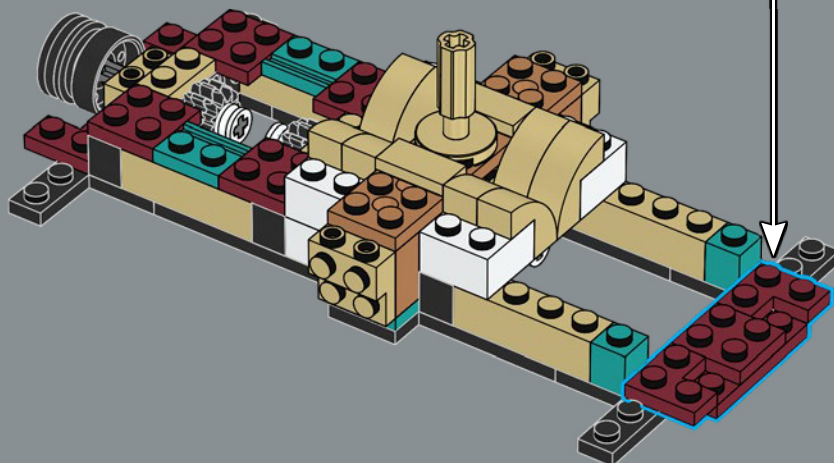
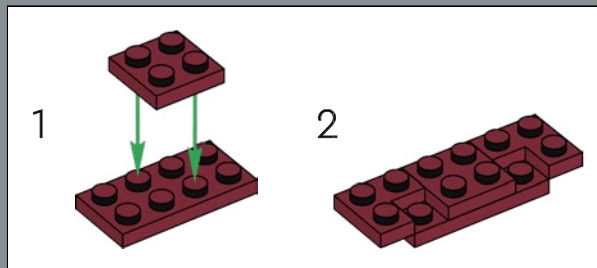
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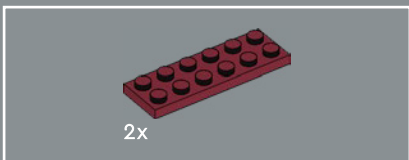




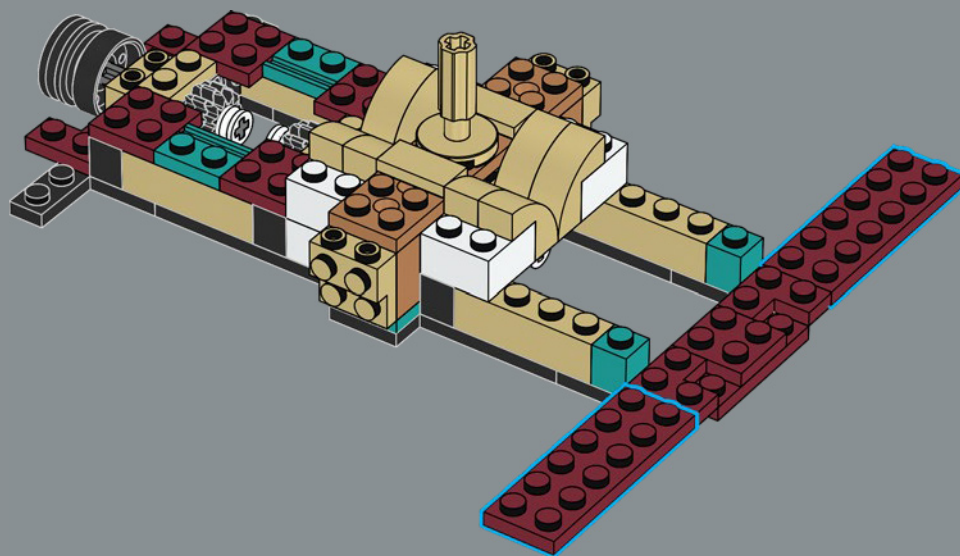


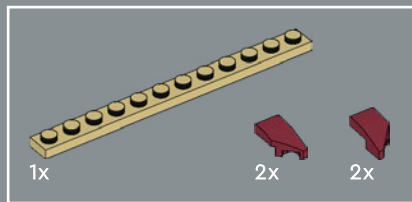
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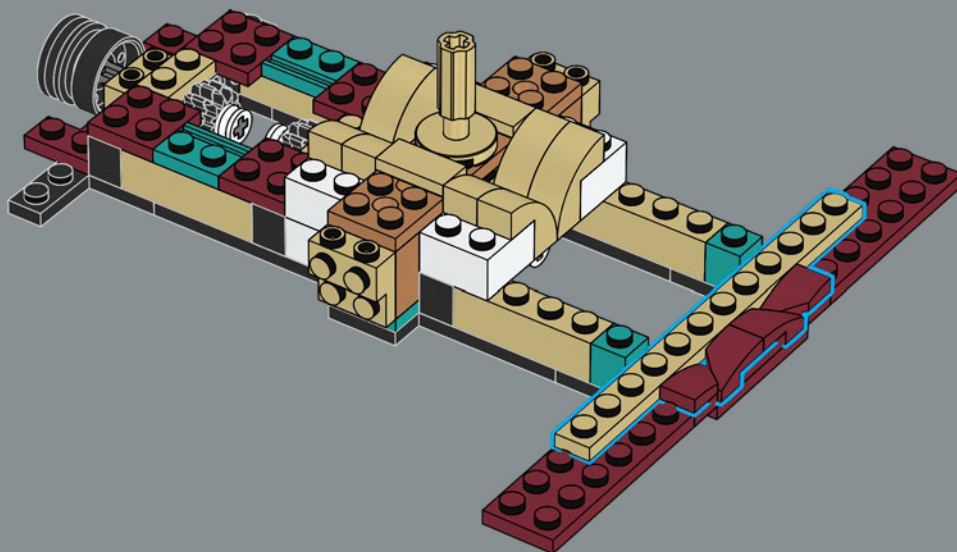


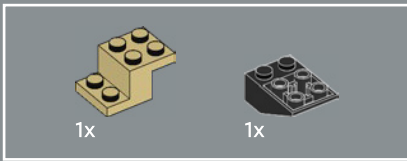
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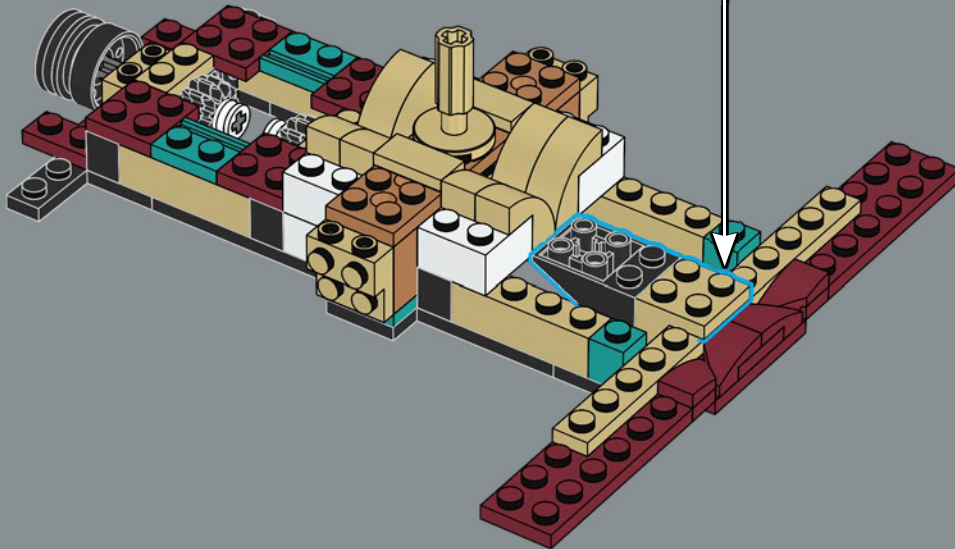
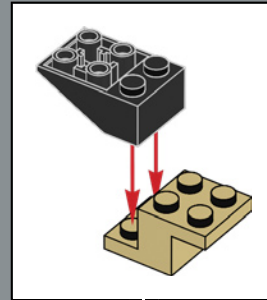


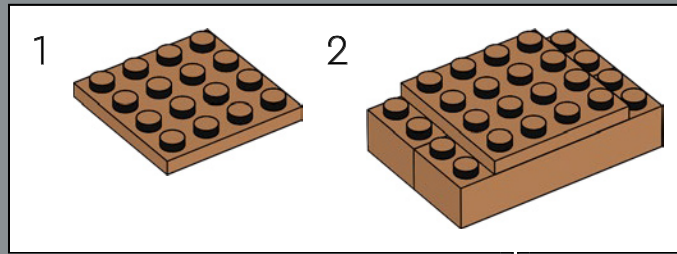
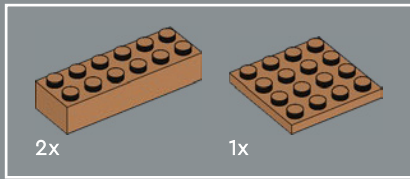
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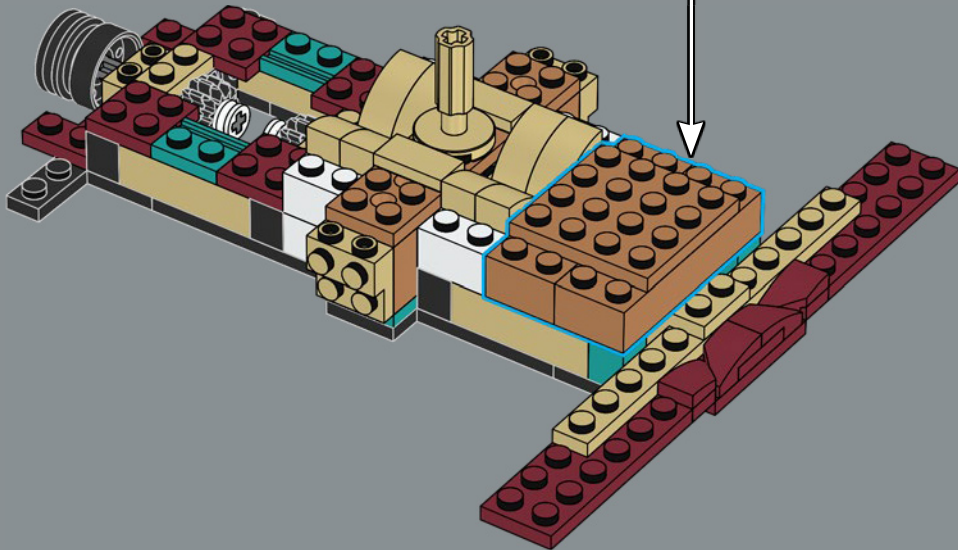


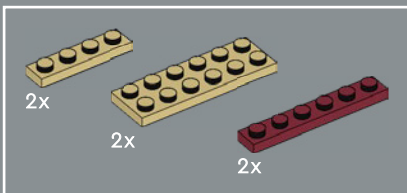
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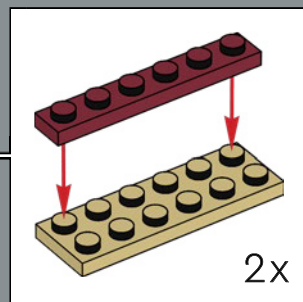
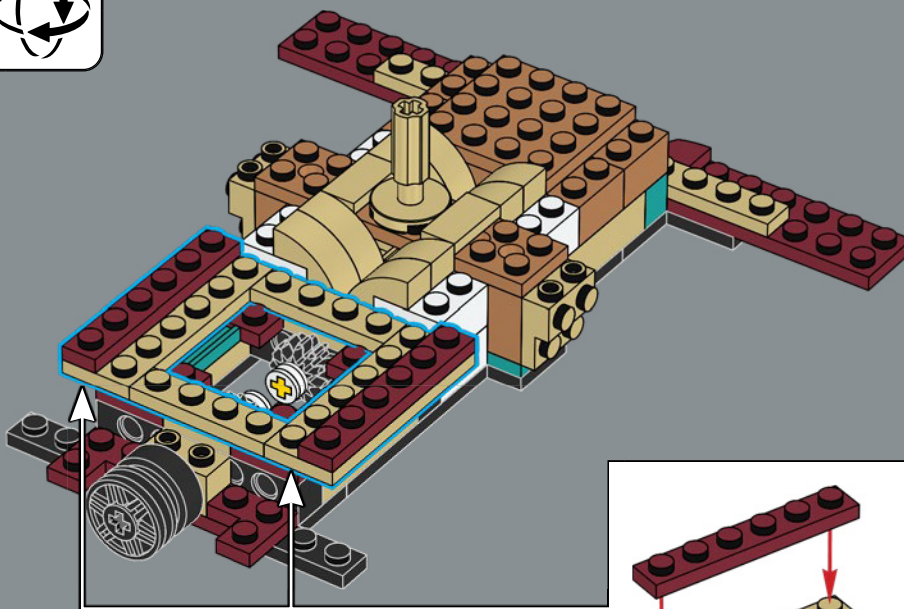


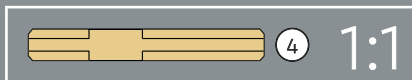
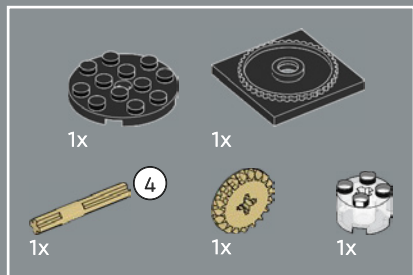
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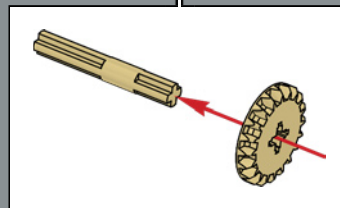
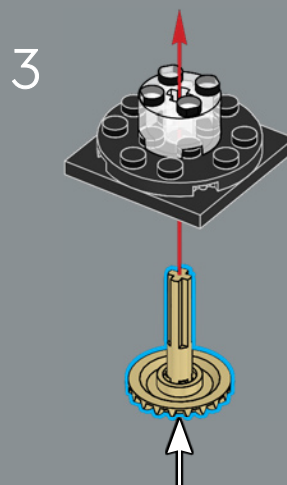
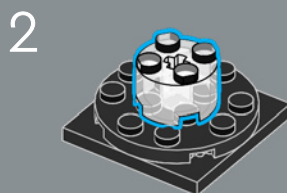
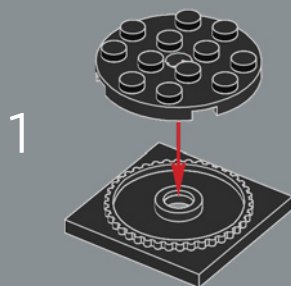


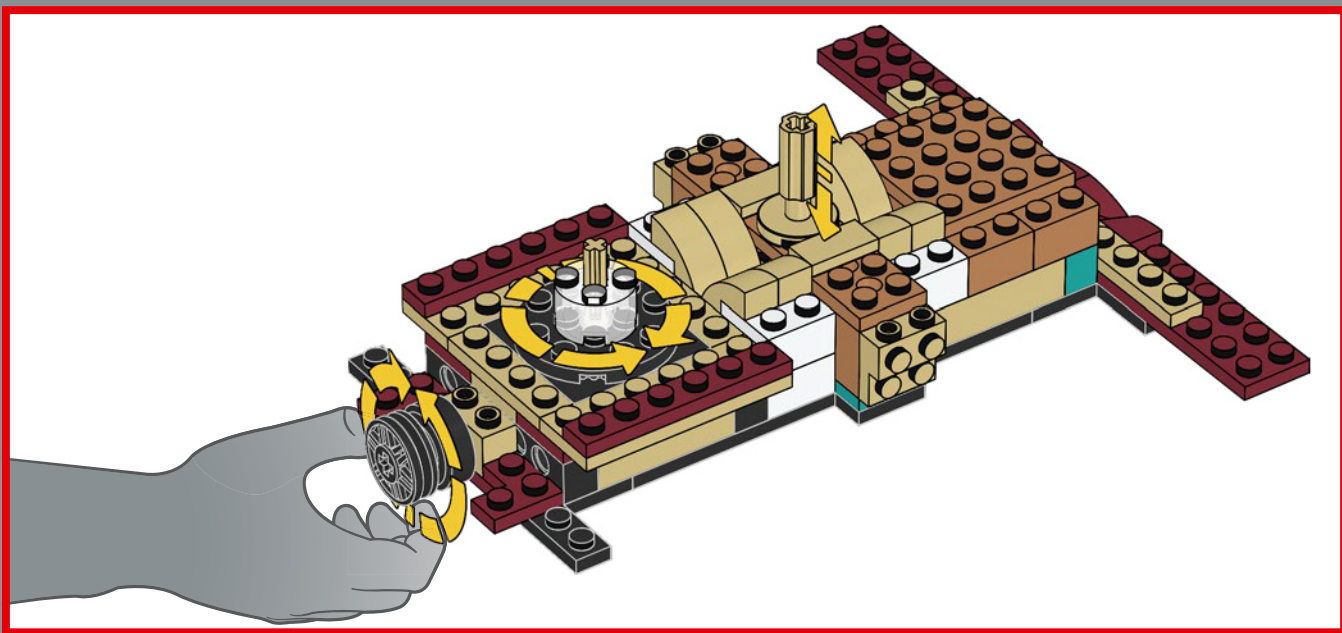
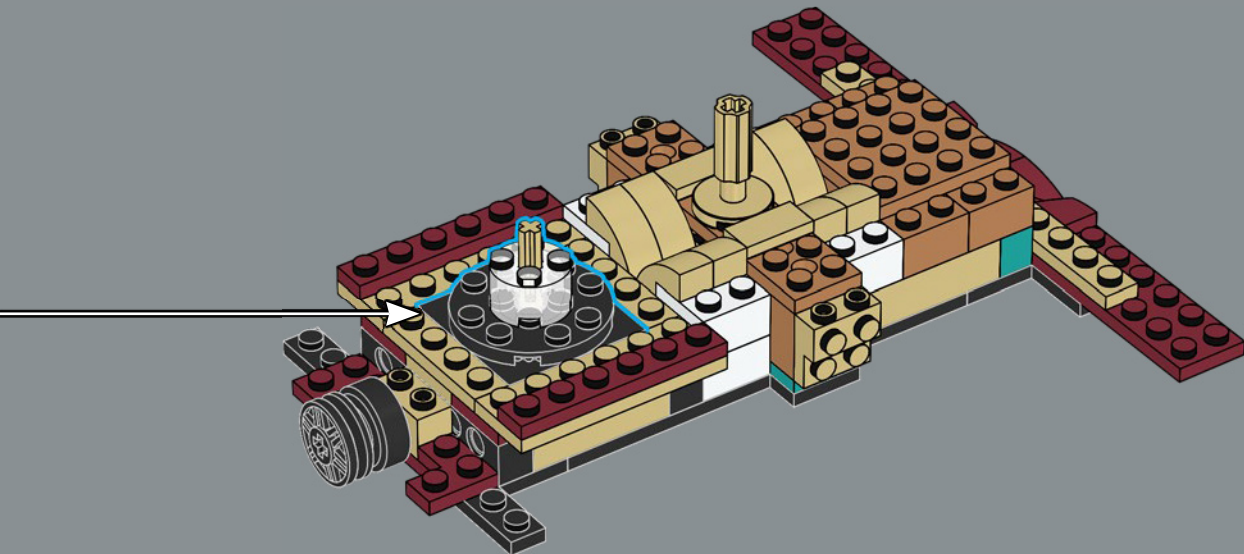
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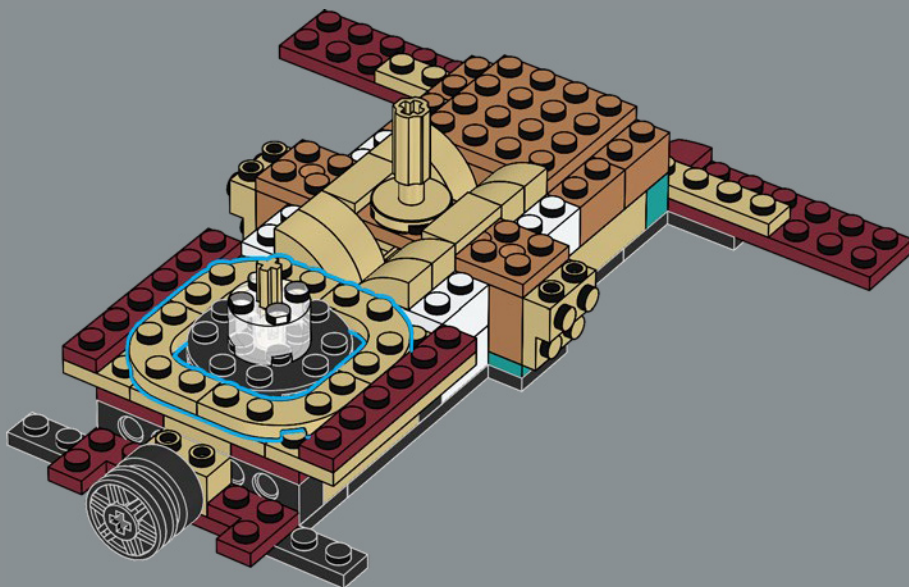


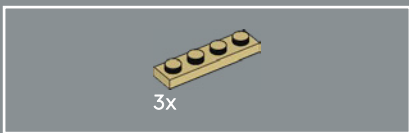




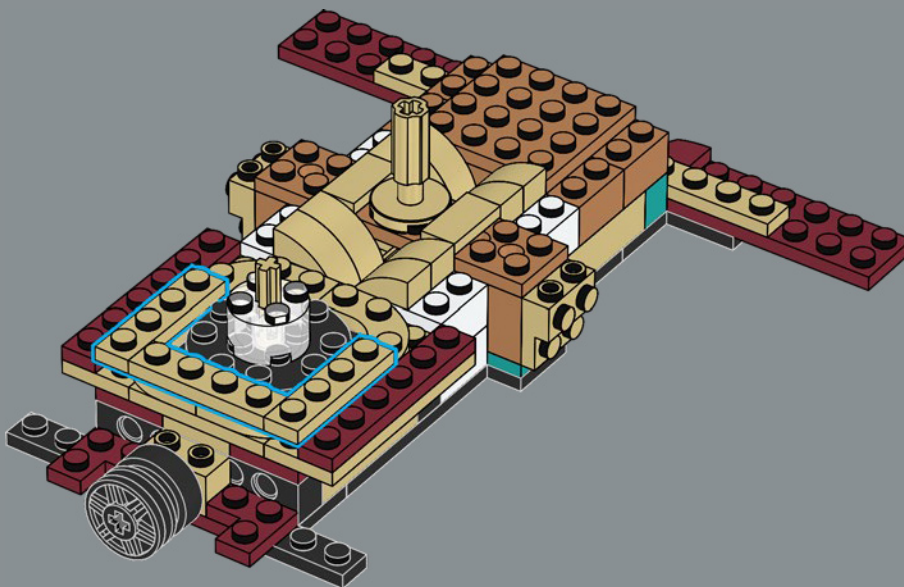
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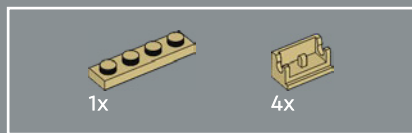
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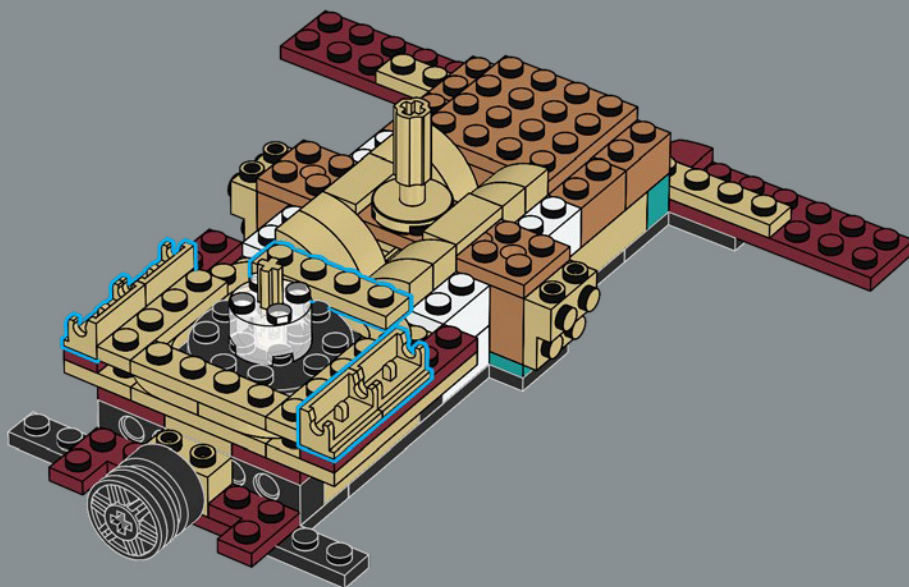


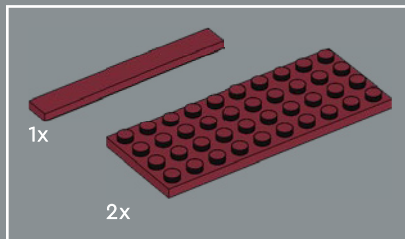
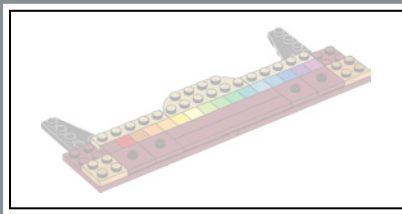
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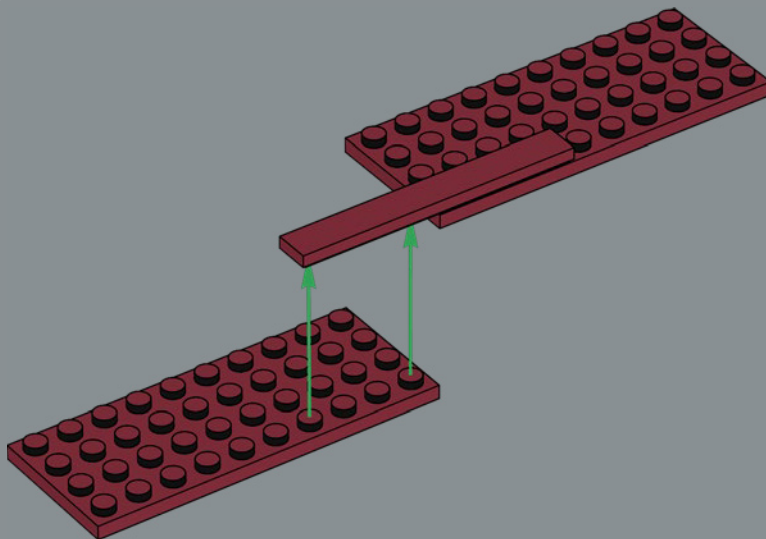


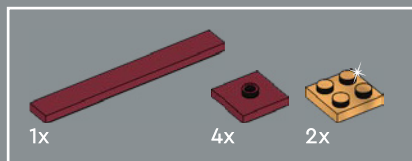
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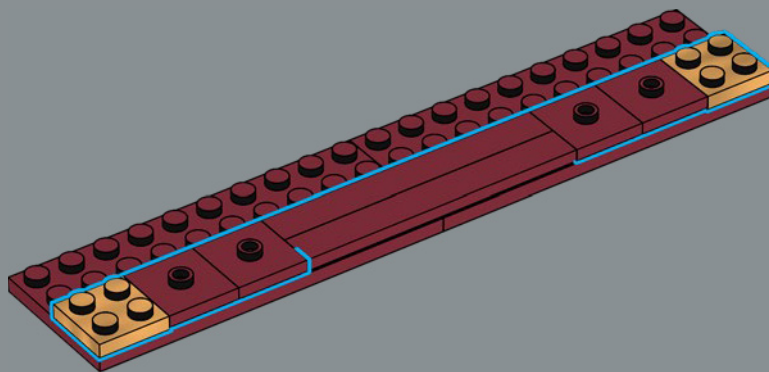


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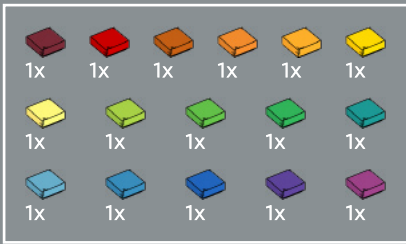




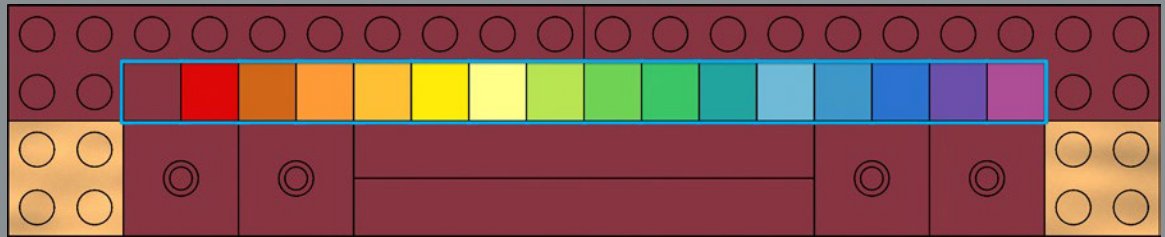
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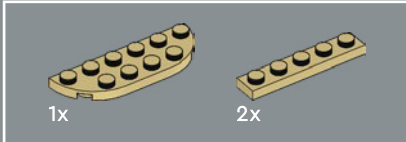
Diese Darstellung des optischen Lichtspektrums zeigt Farben, die von Ultraviolett bis Infrarot reichen, obwohl das menschliche Auge nur einen Teil davon sehen kann.



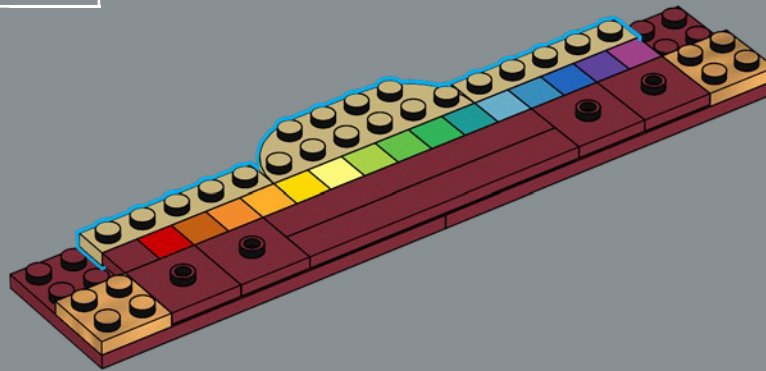
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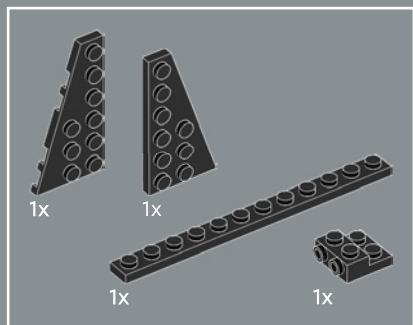


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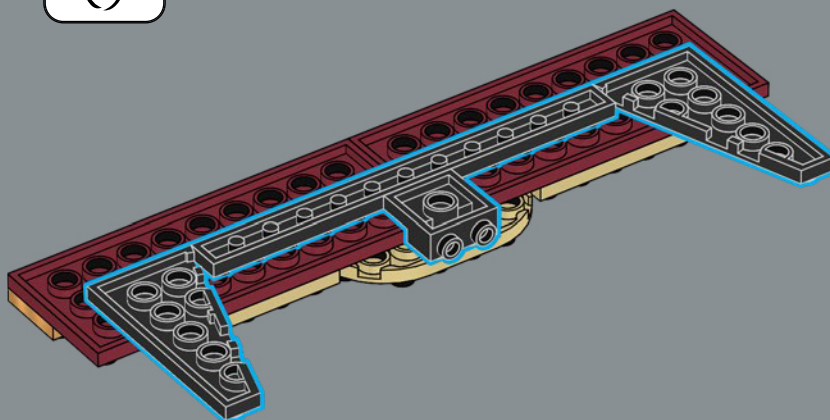


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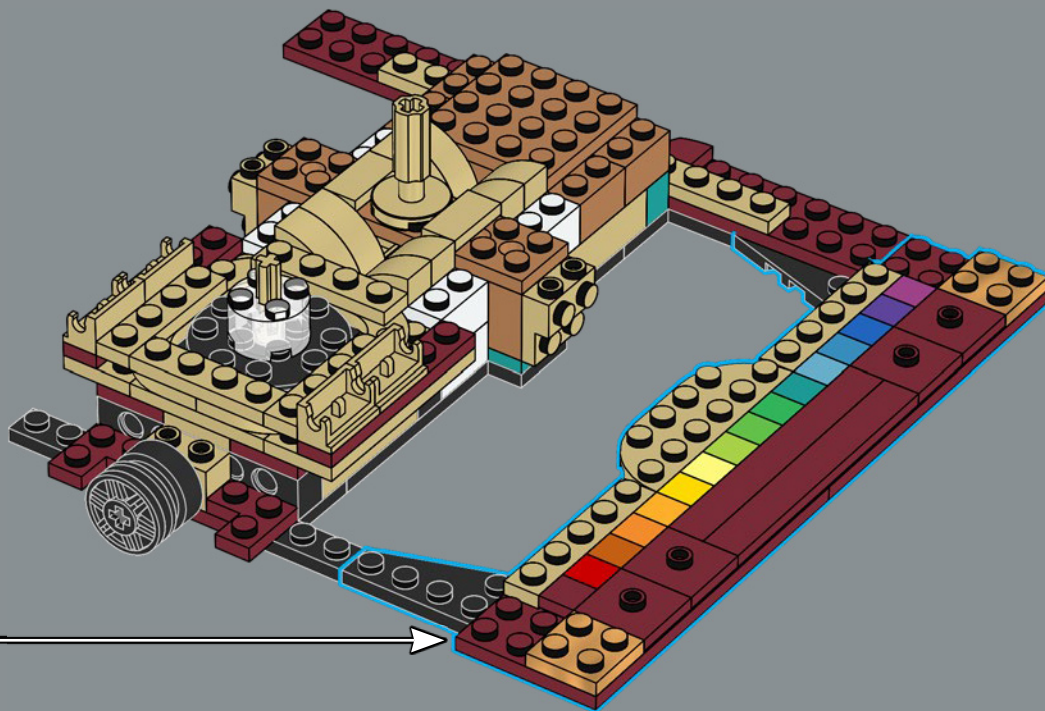


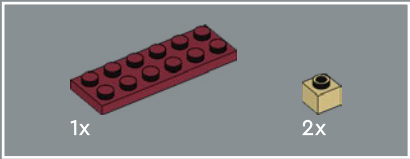


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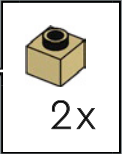
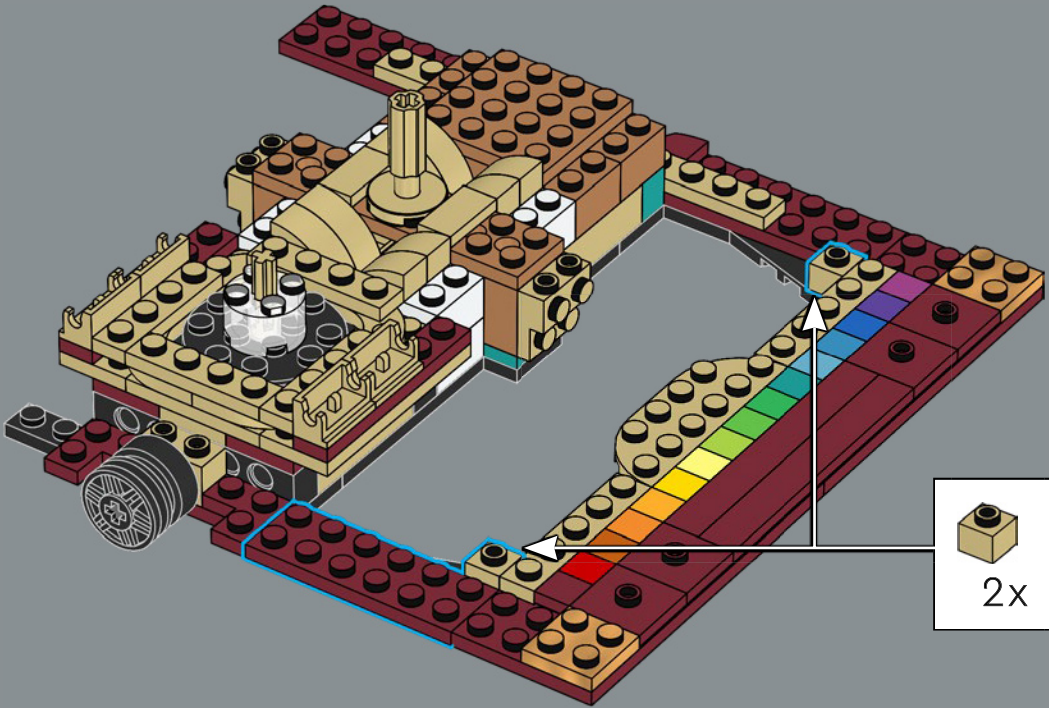


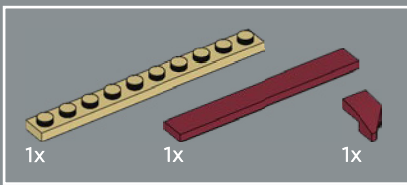
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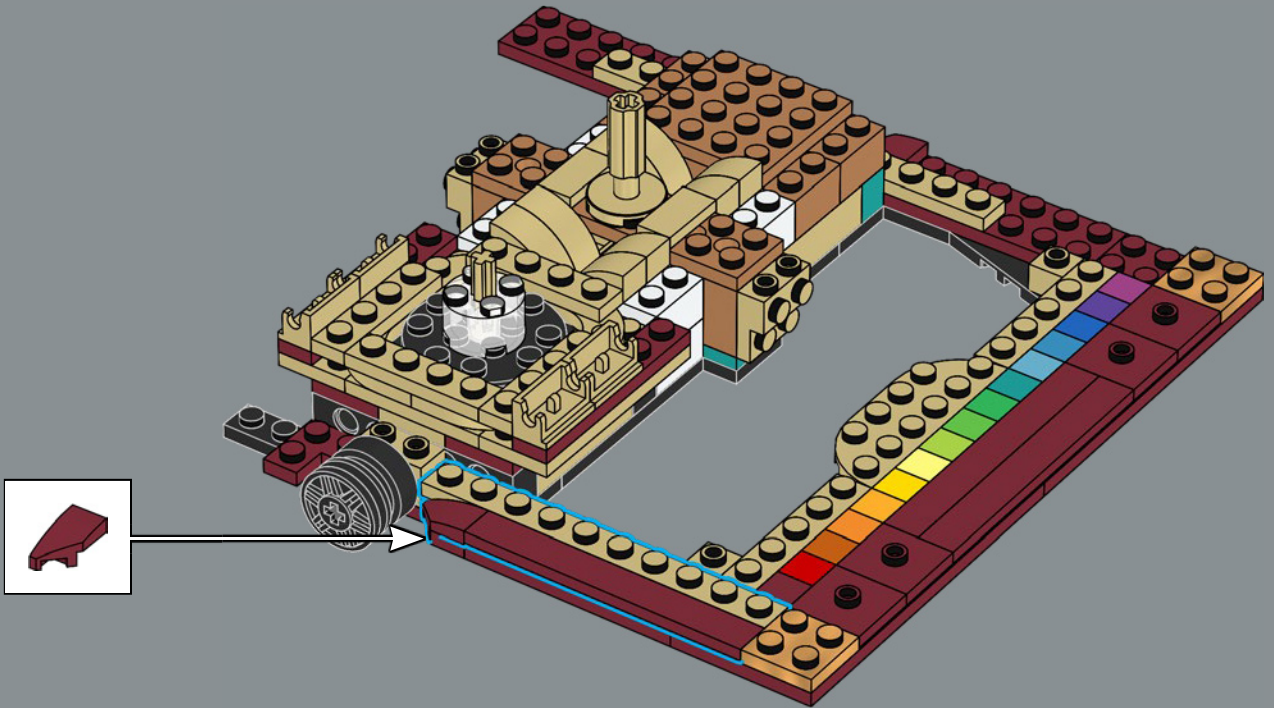


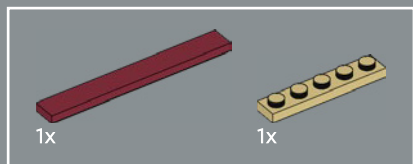
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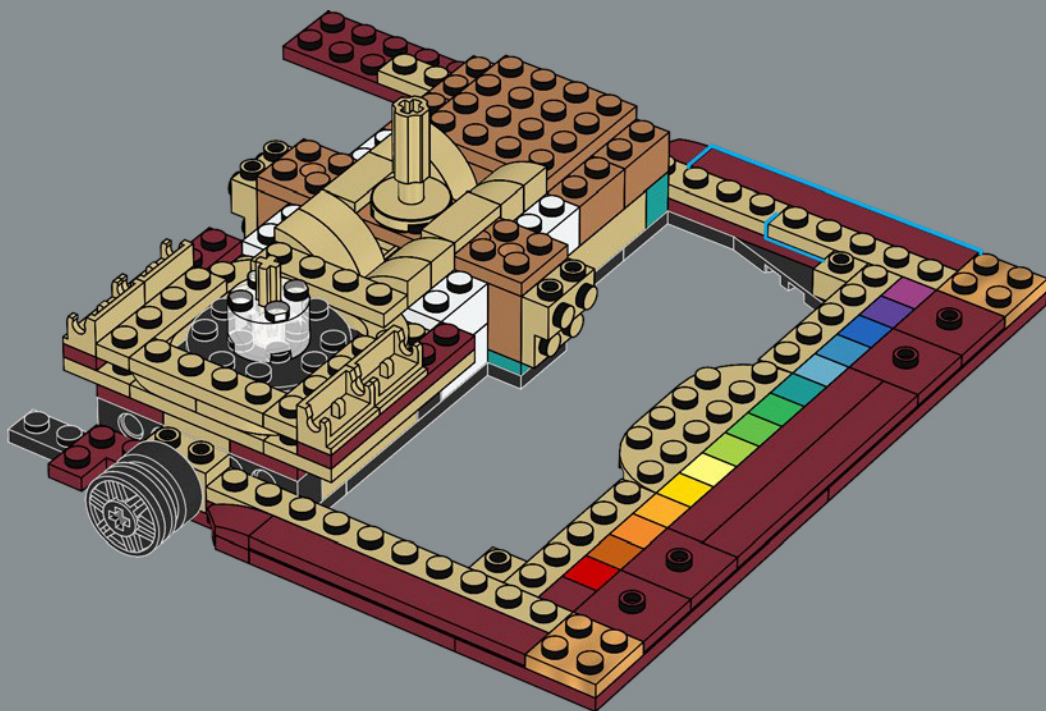


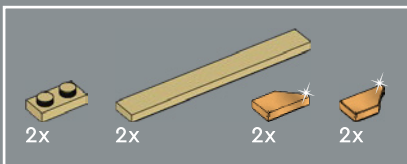
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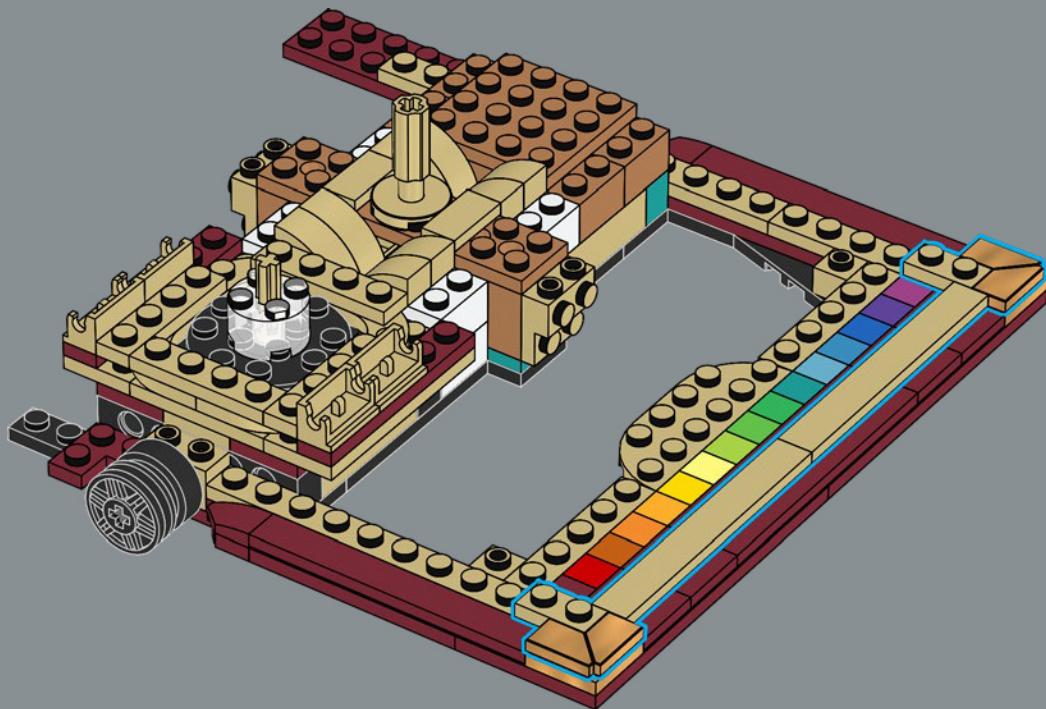


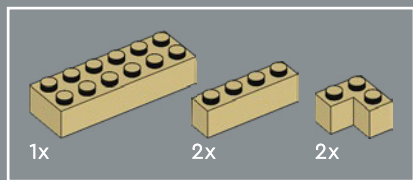
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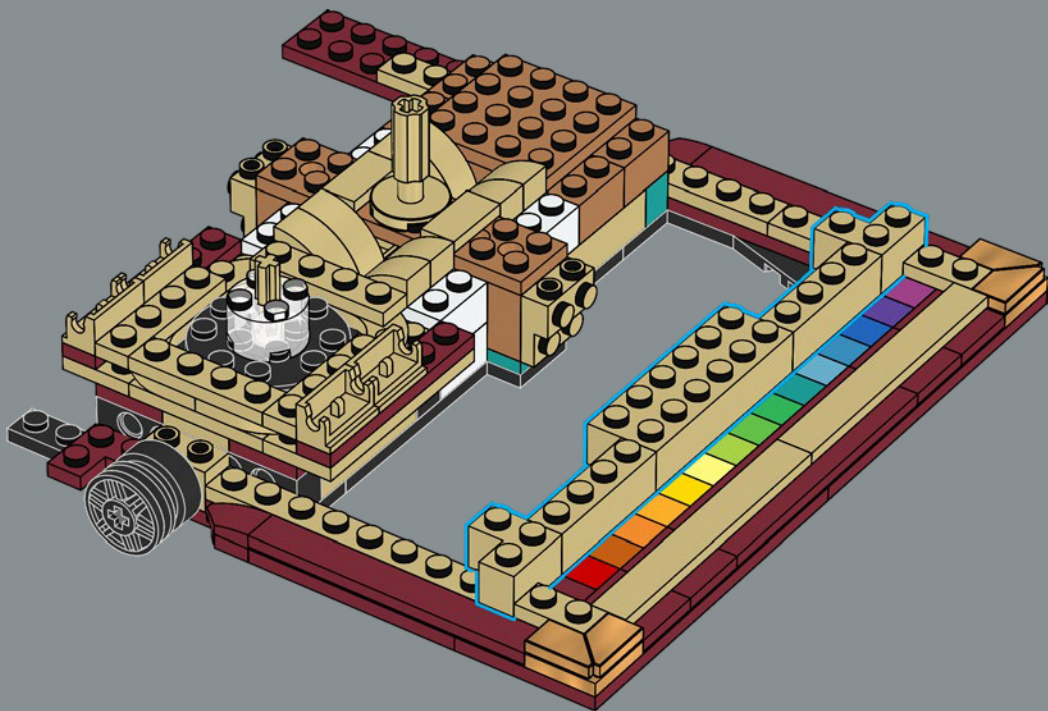


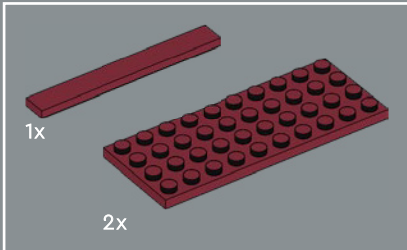
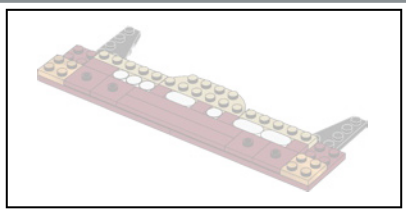
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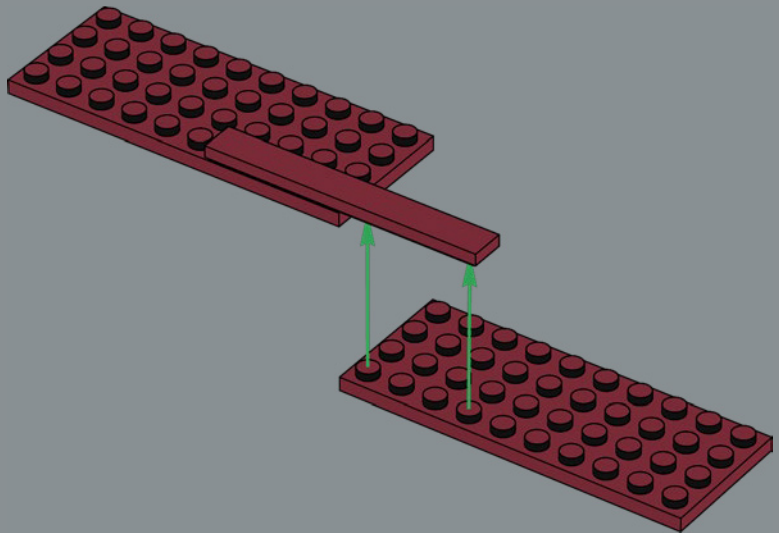


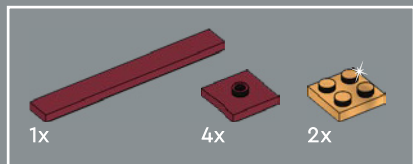
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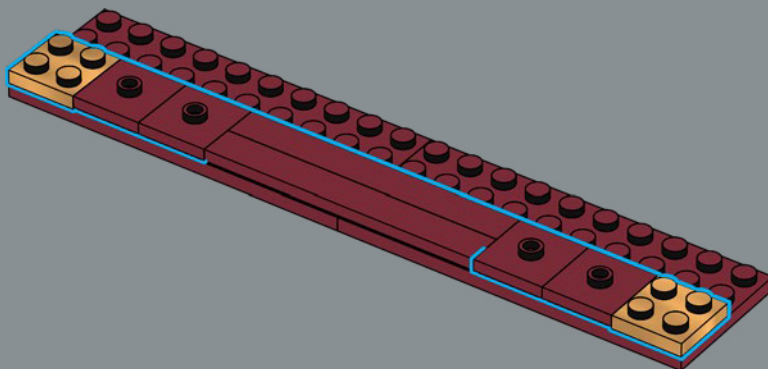


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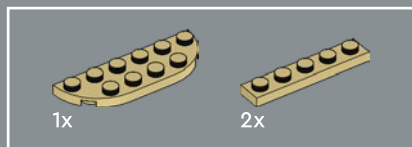


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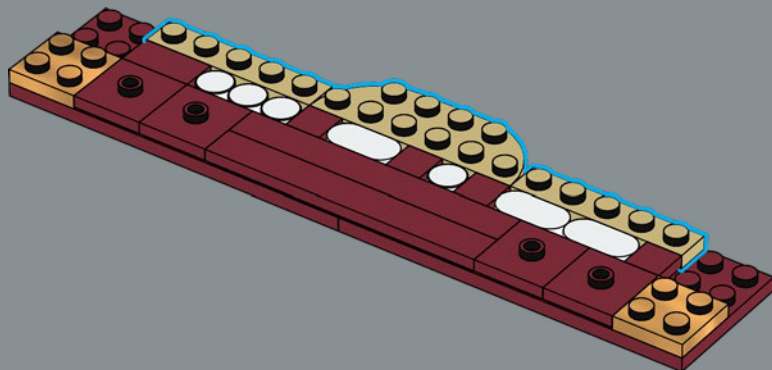


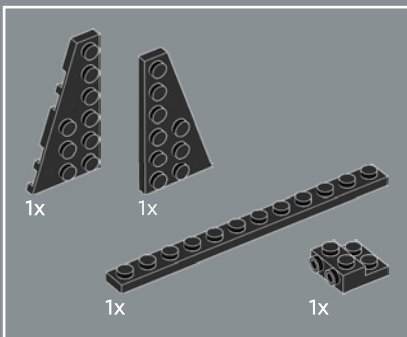


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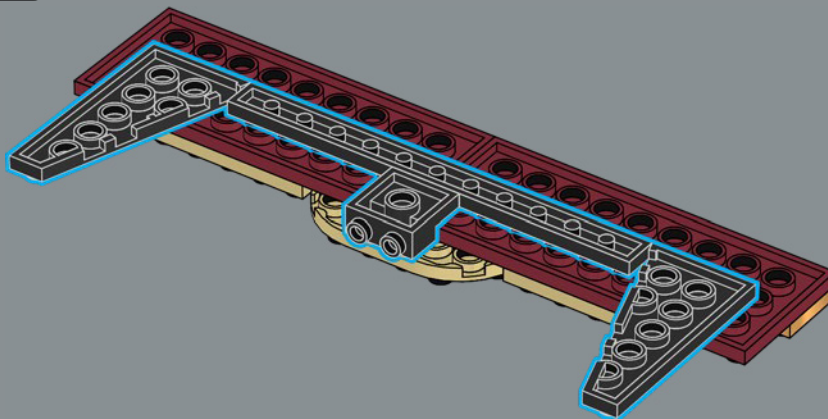


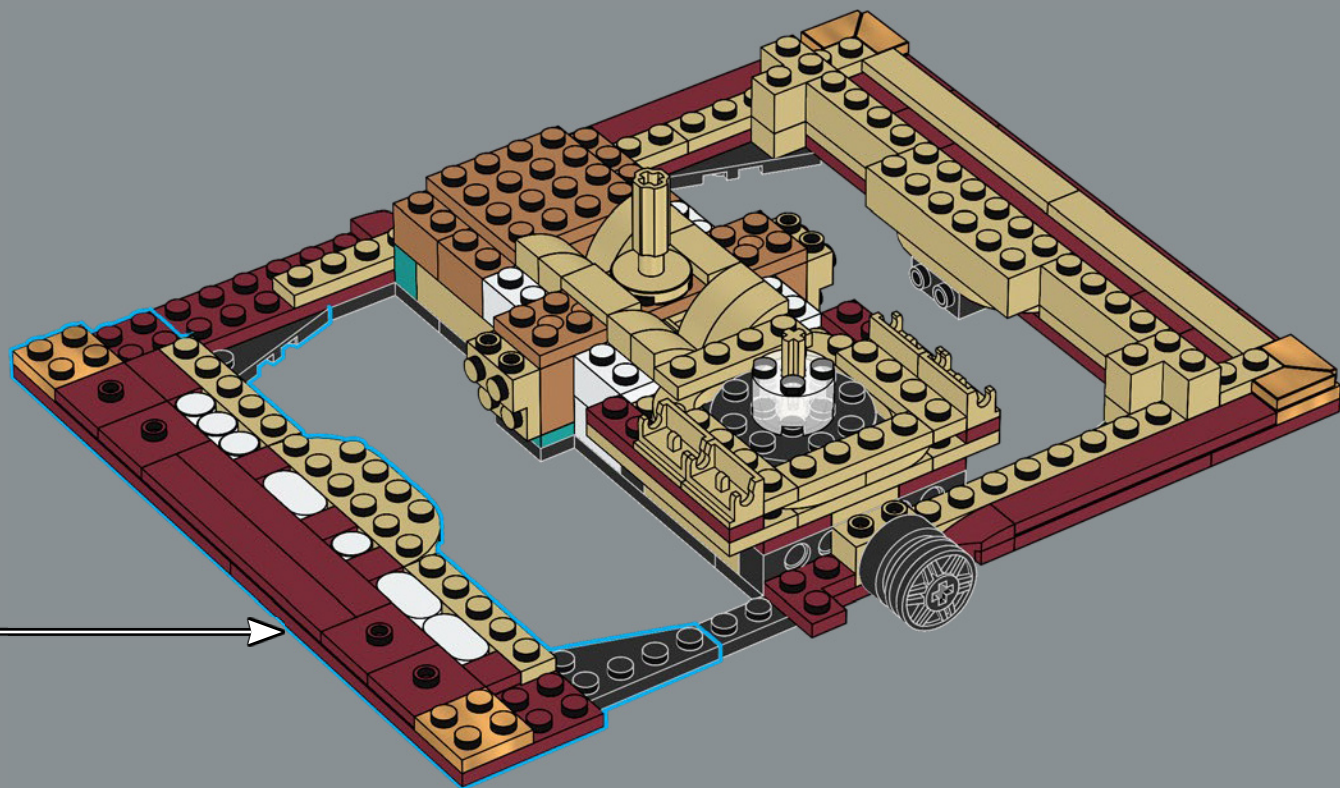
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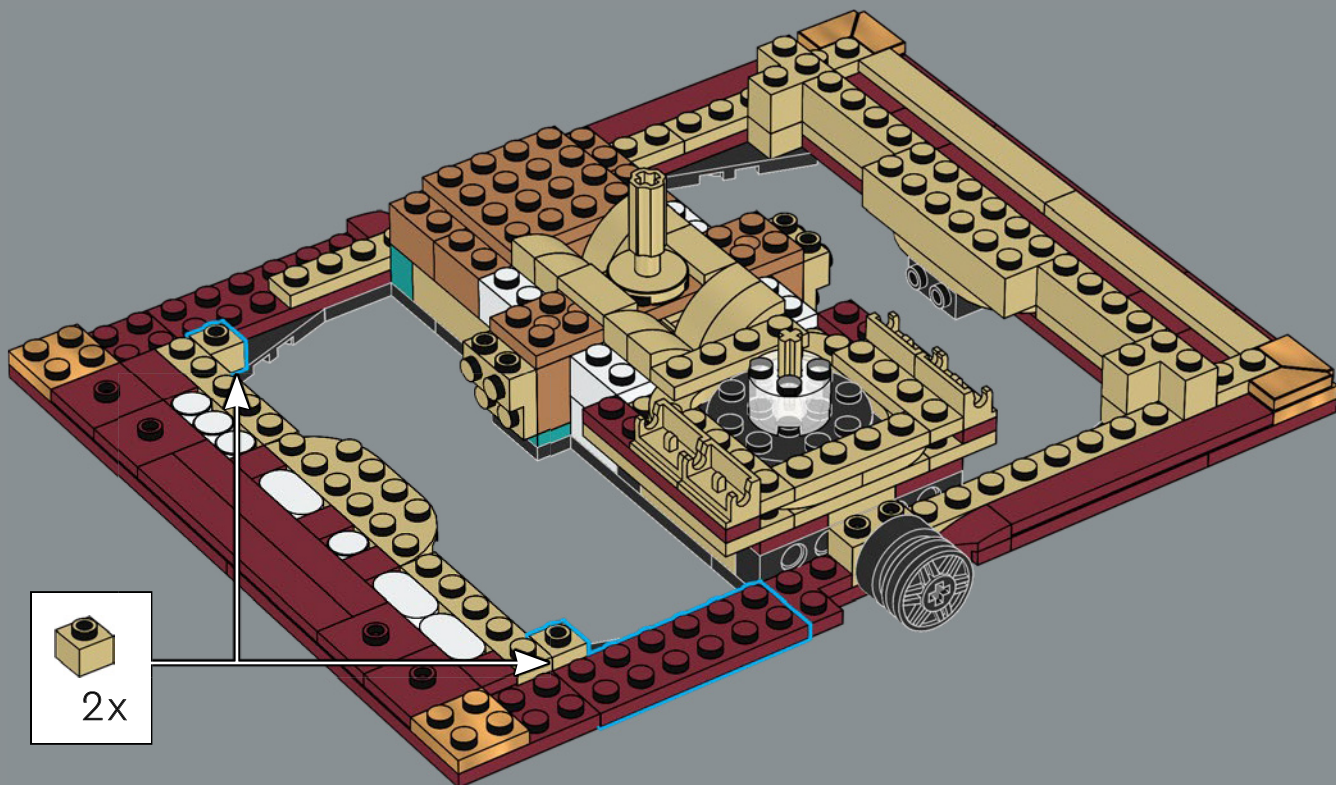
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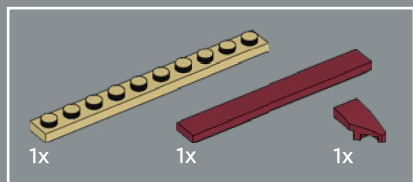




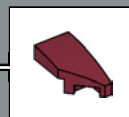
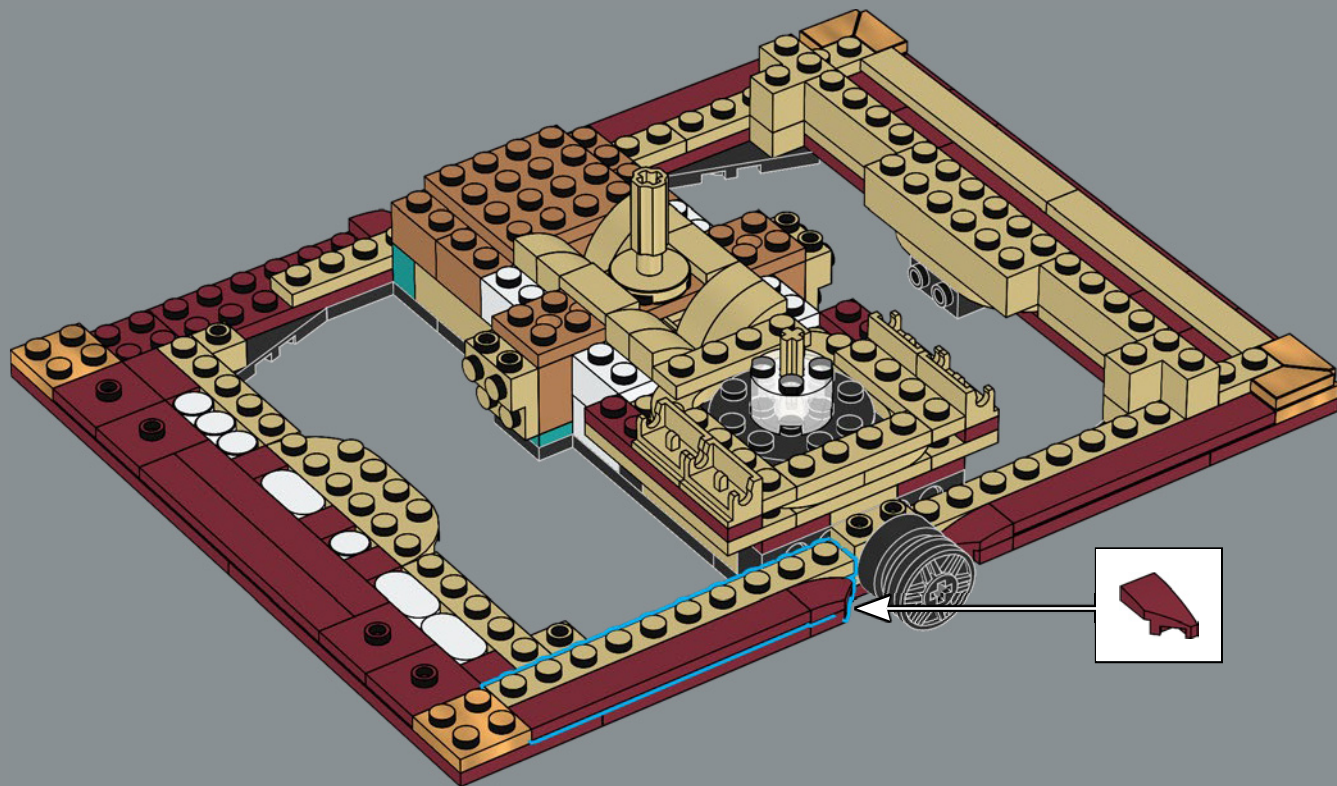


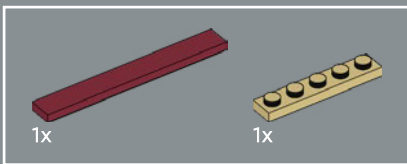
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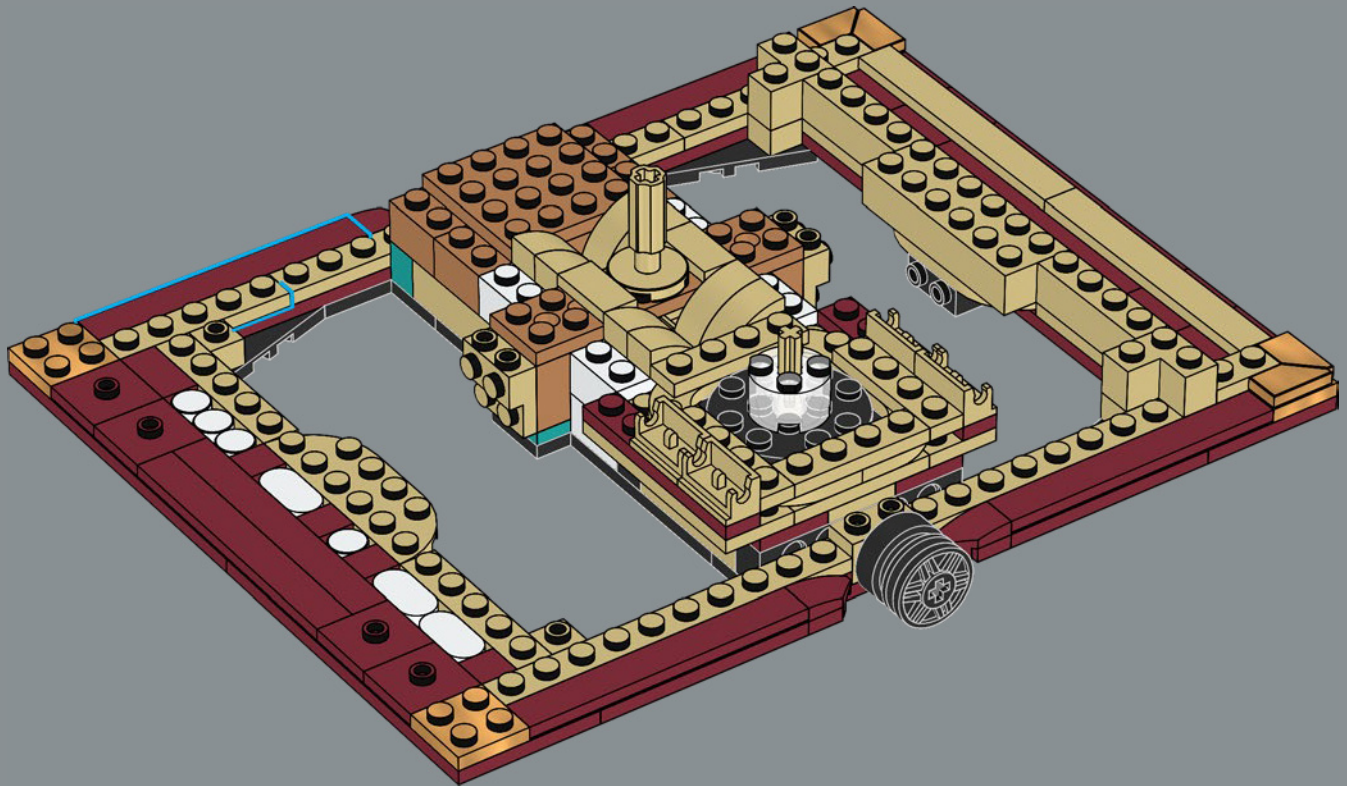


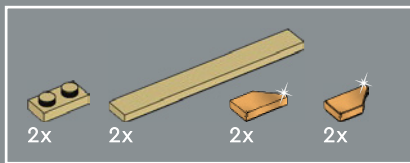
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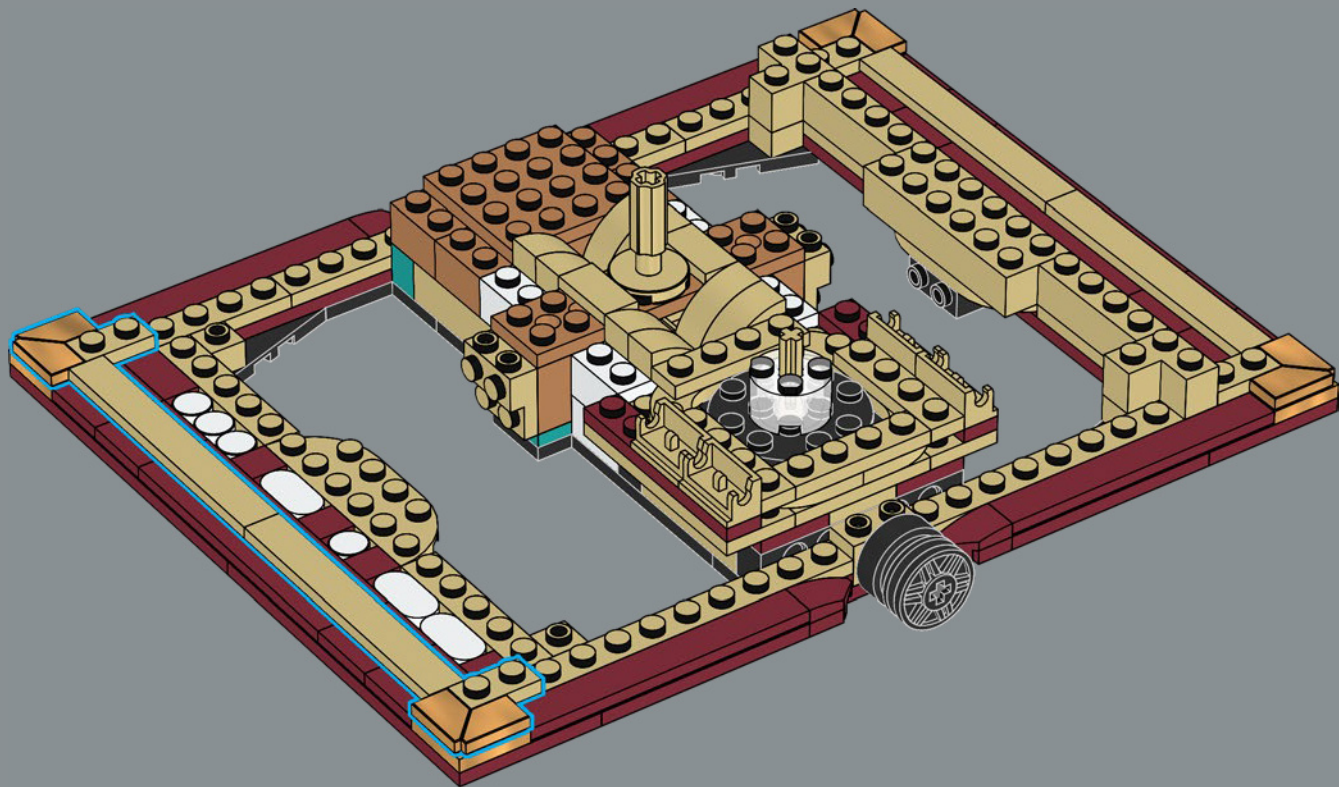


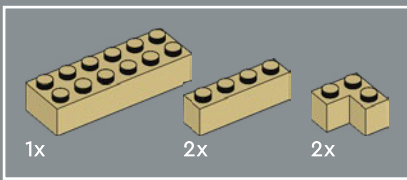
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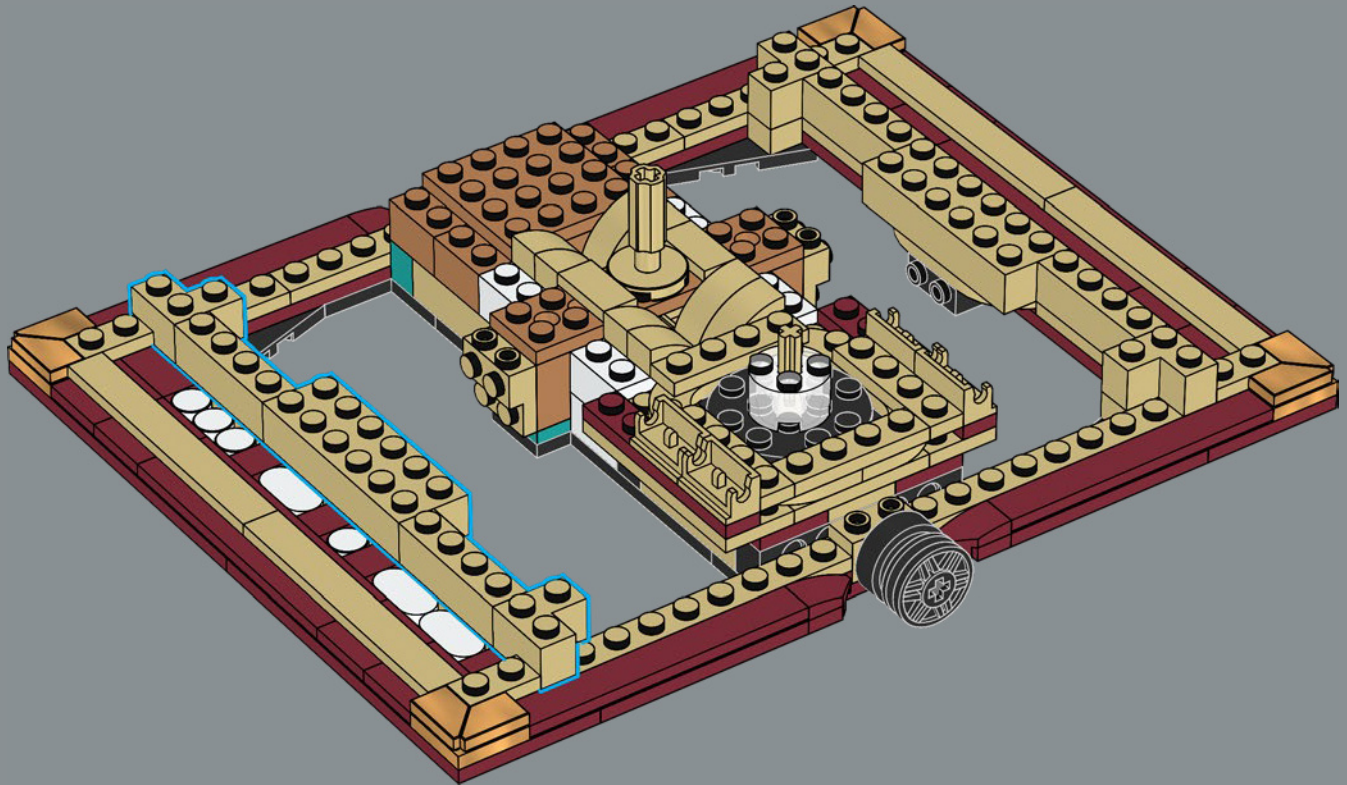


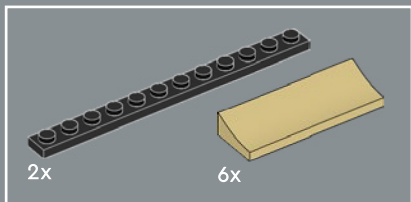
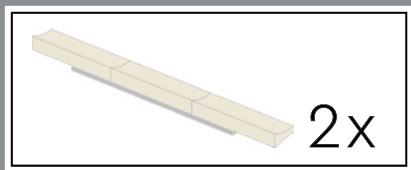
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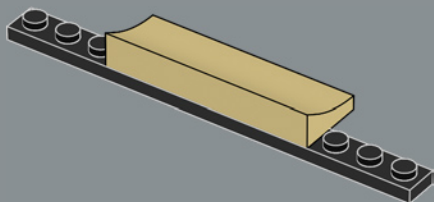
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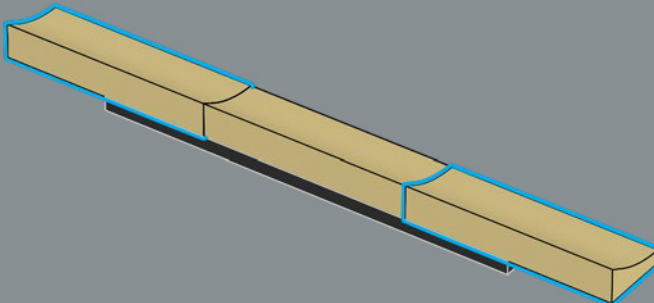


47

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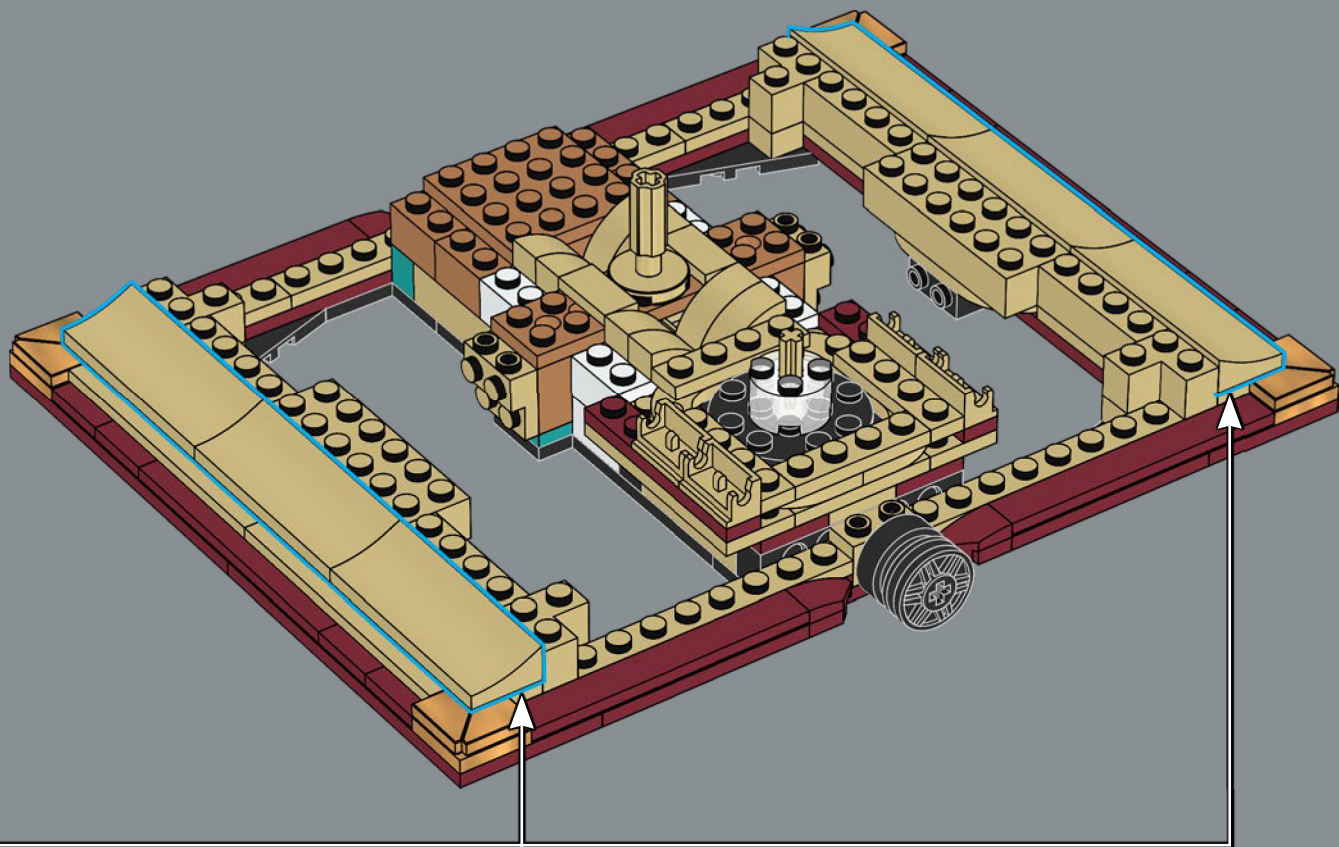


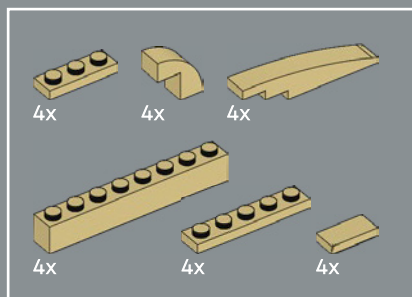
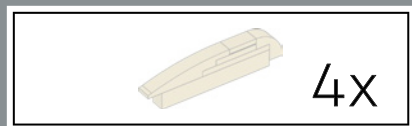
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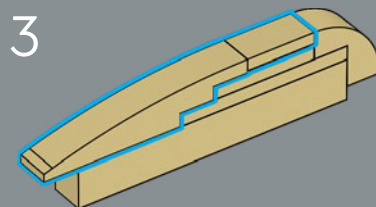
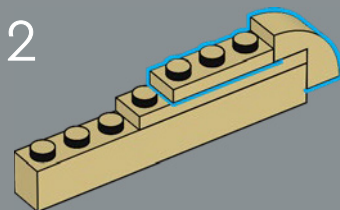
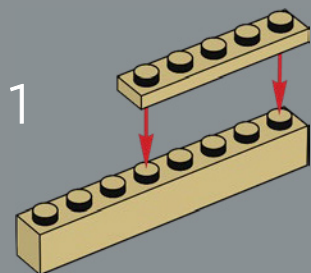
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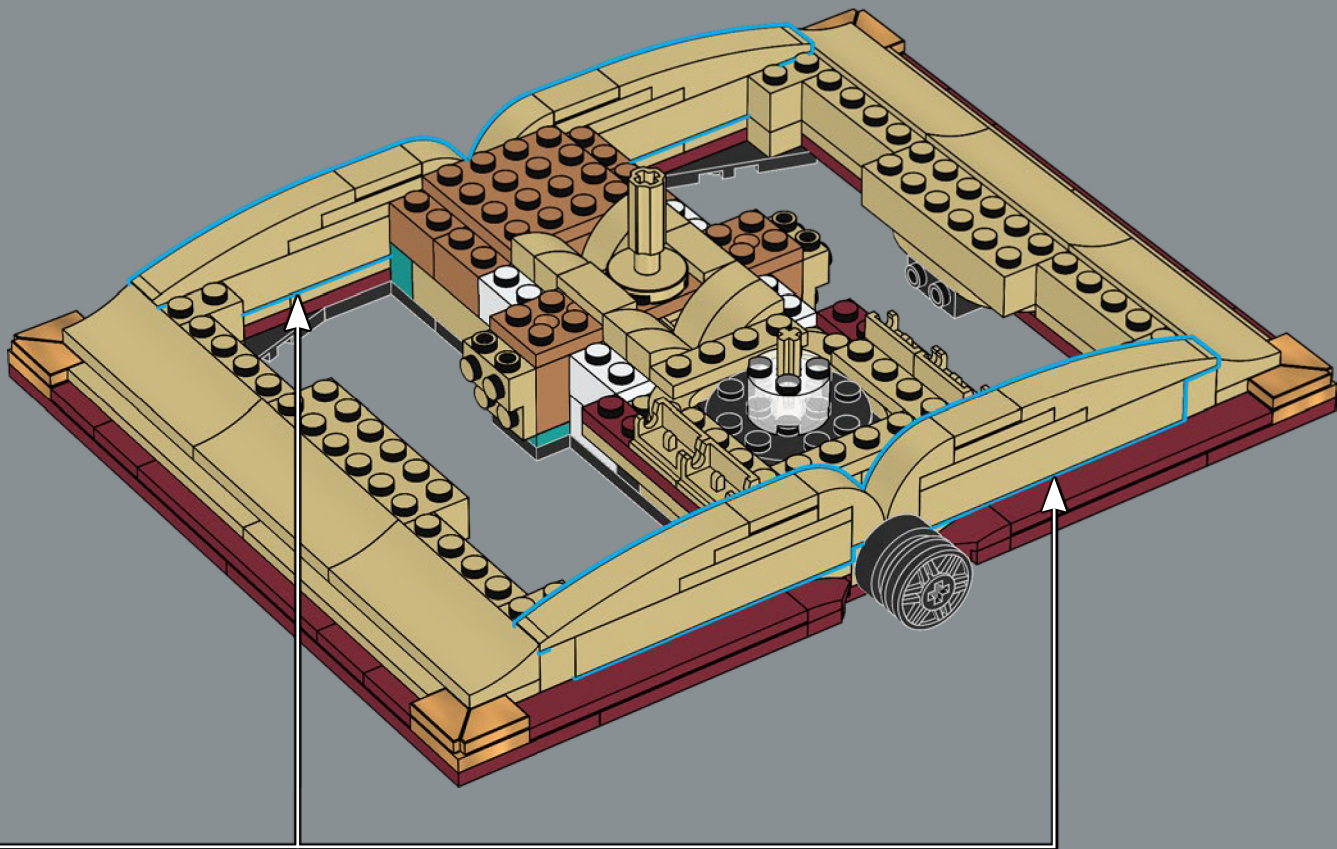


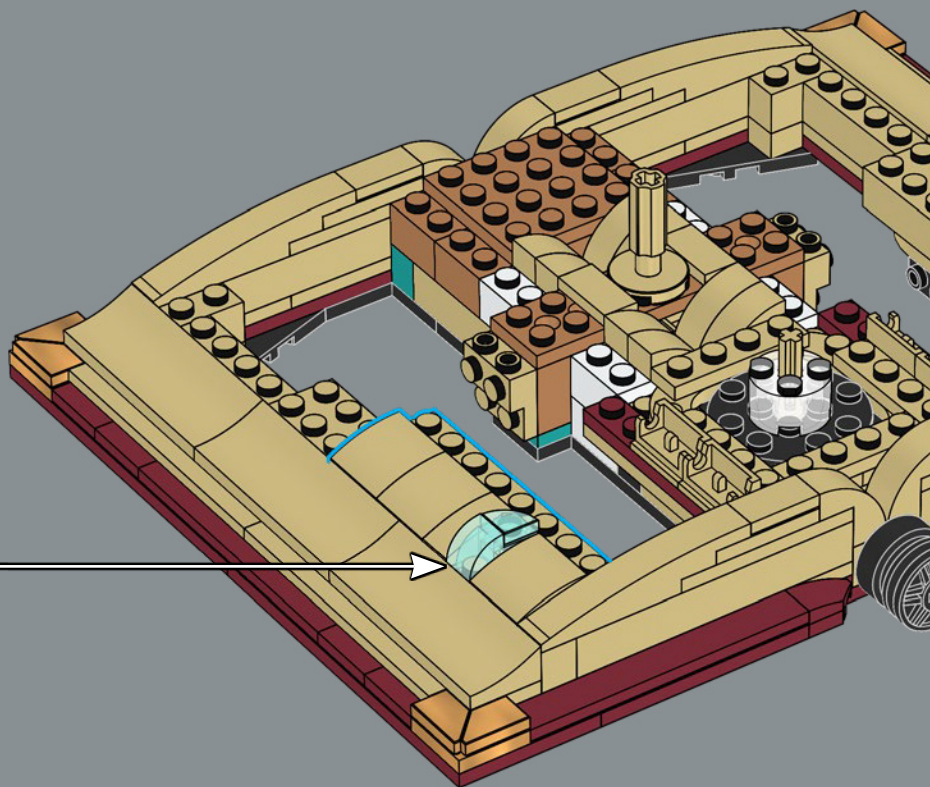
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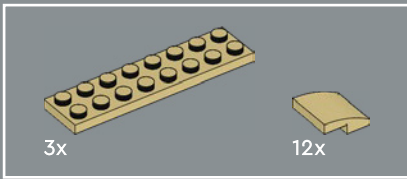


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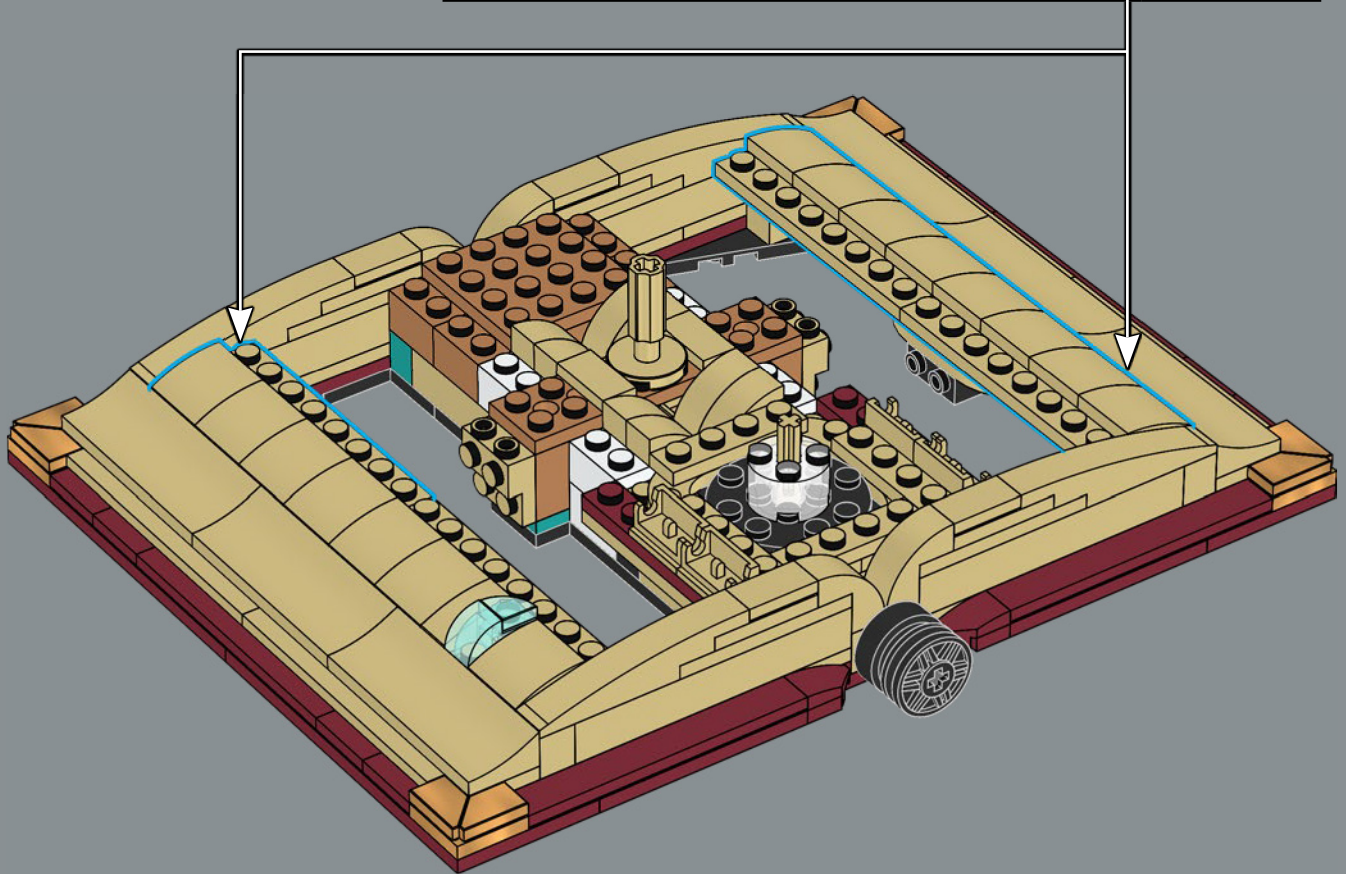
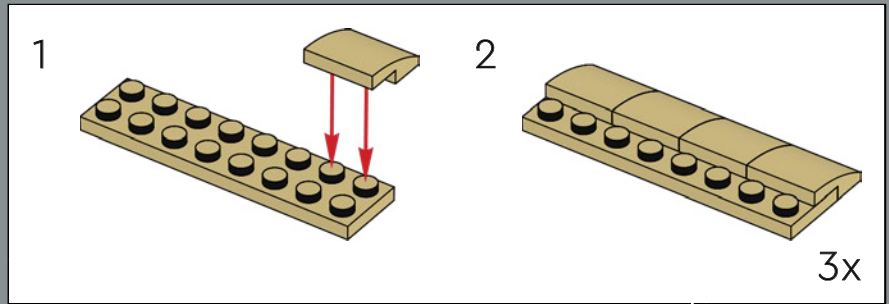


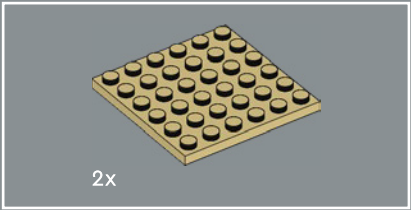




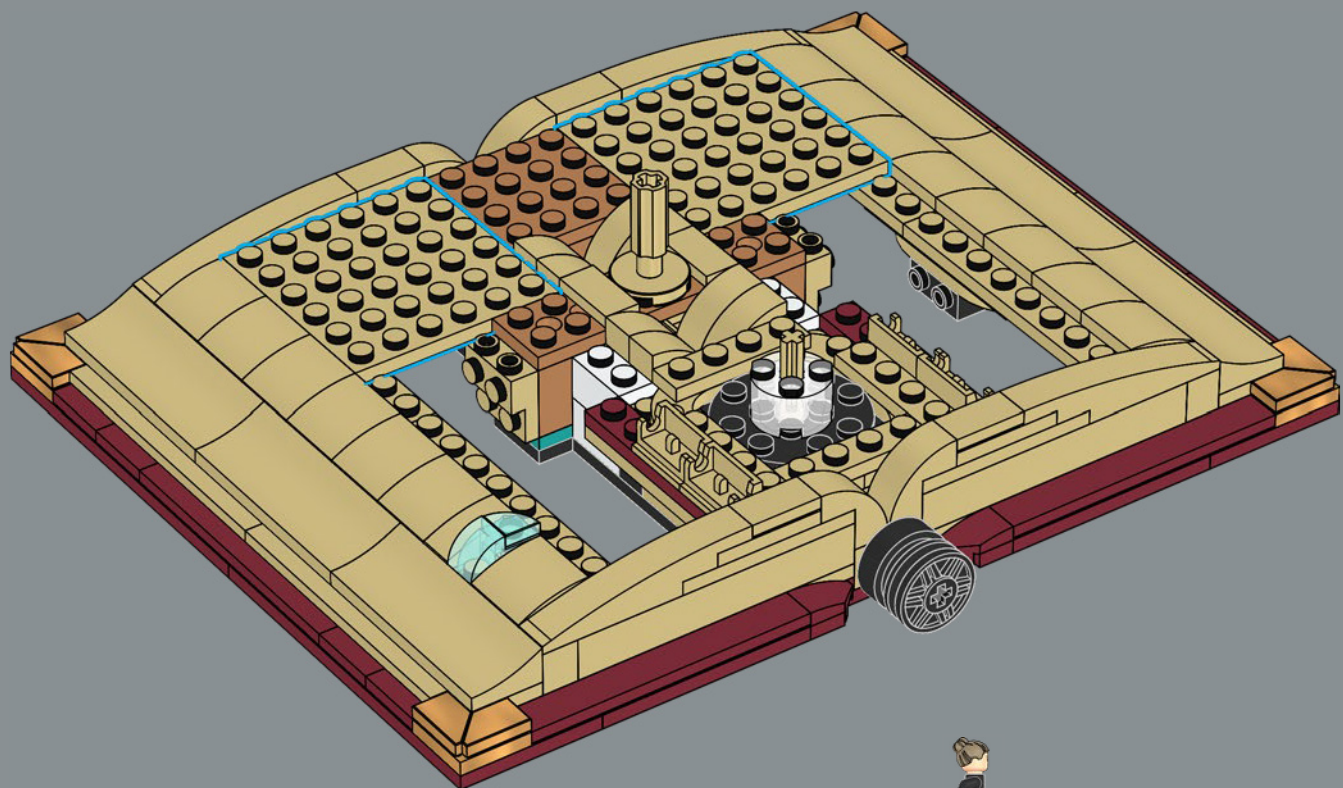


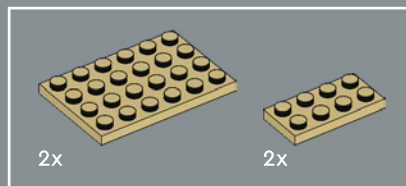
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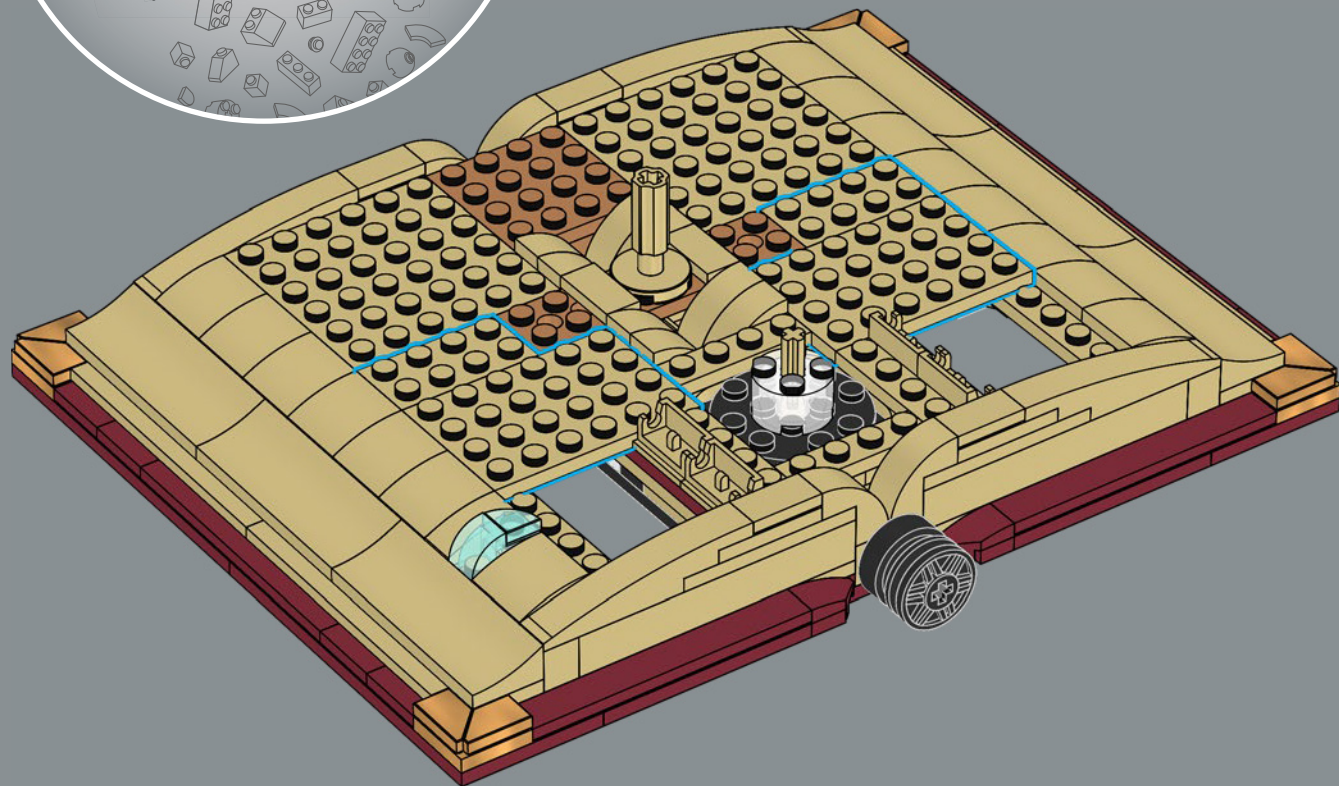


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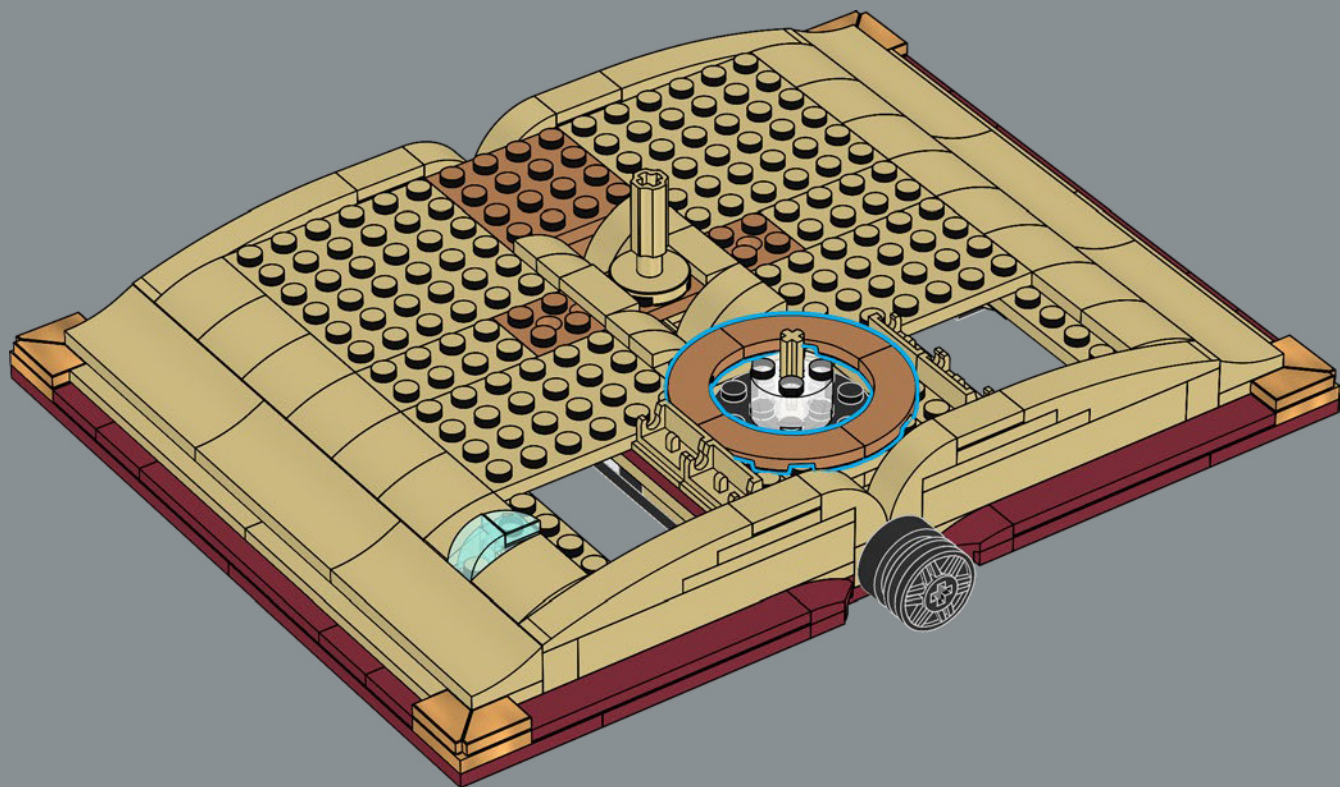
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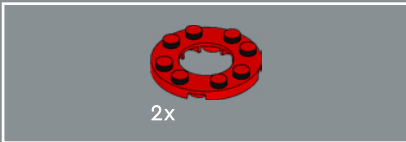
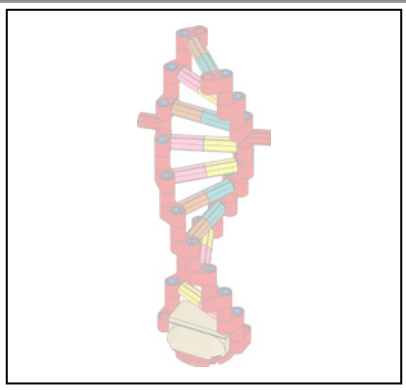




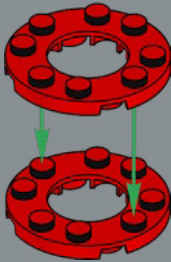
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53

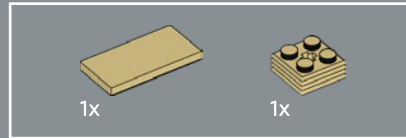
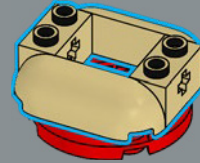




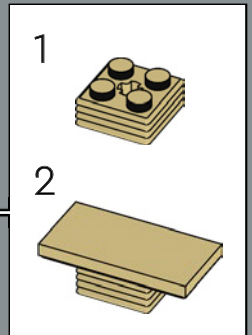
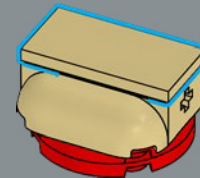
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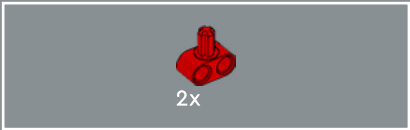


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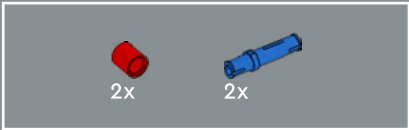
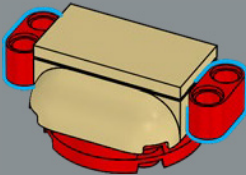


56

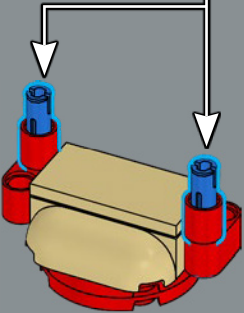
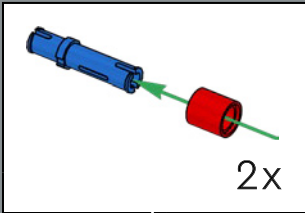


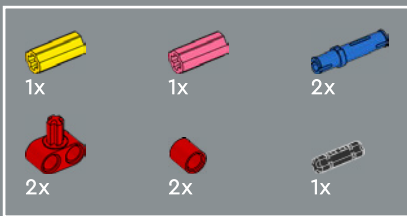


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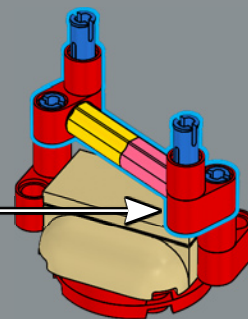
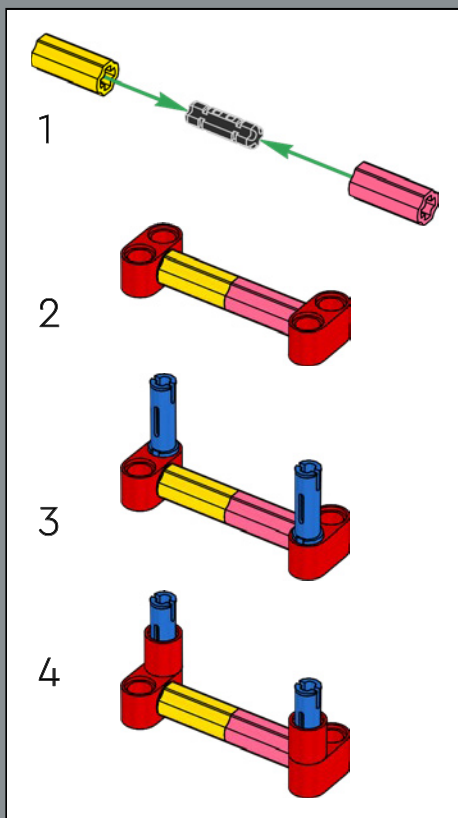


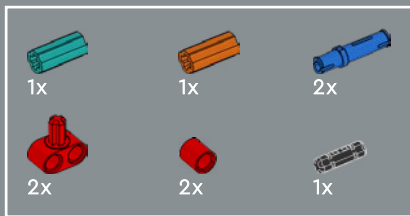
58





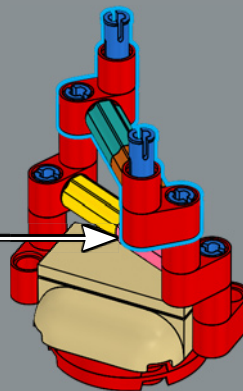
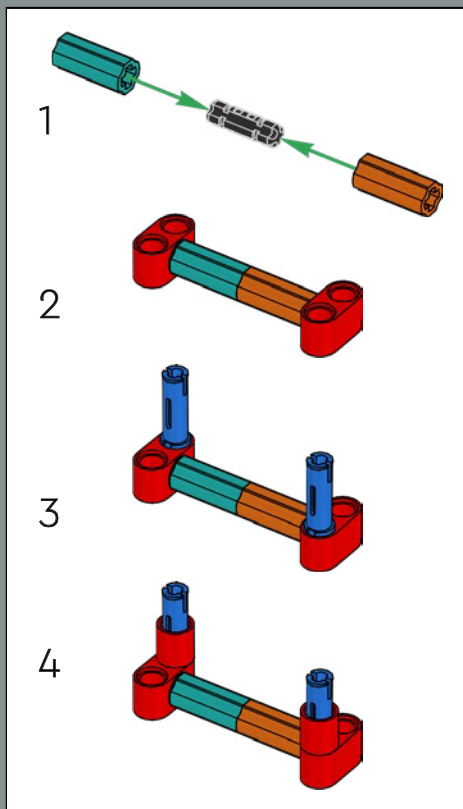
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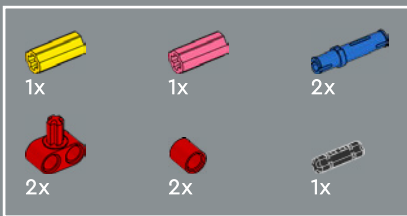




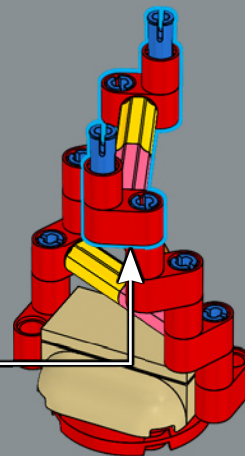
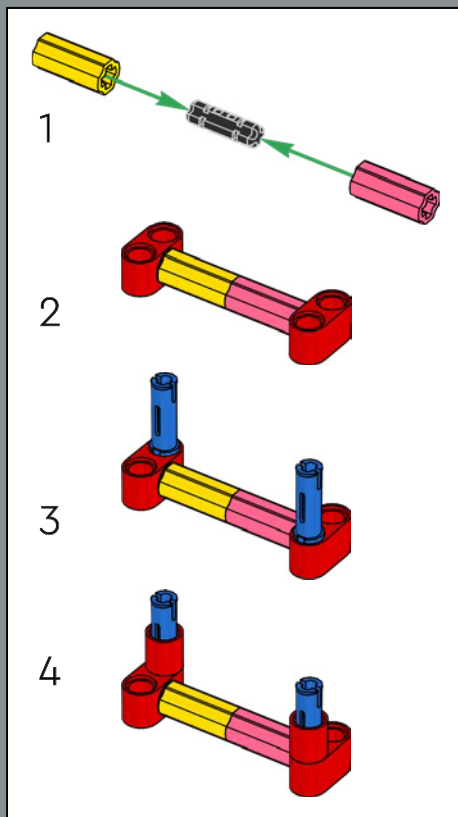
Desoxyribonukleinsäure [DNS] ist die Sprache, in der der genetische Code aller Lebensformen „geschrieben“ ist. DNS ist aus Paaren von Nukleinbasen (A mit T, C mit G) in einer Sequenz aufgebaut, die eine Doppelhelixstruktur bildet. Die menschliche DNA besteht aus 3 Milliarden Nukleinbasen!

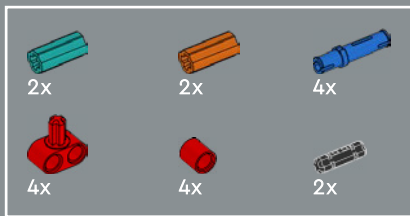
60



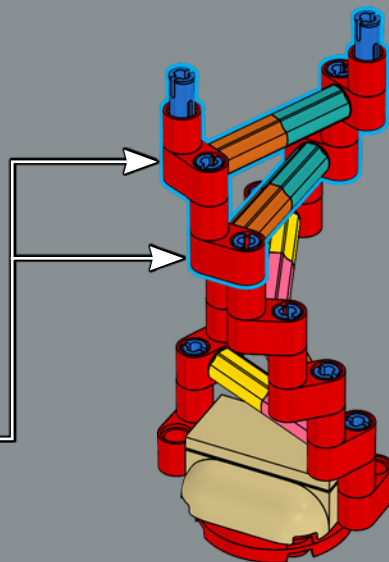
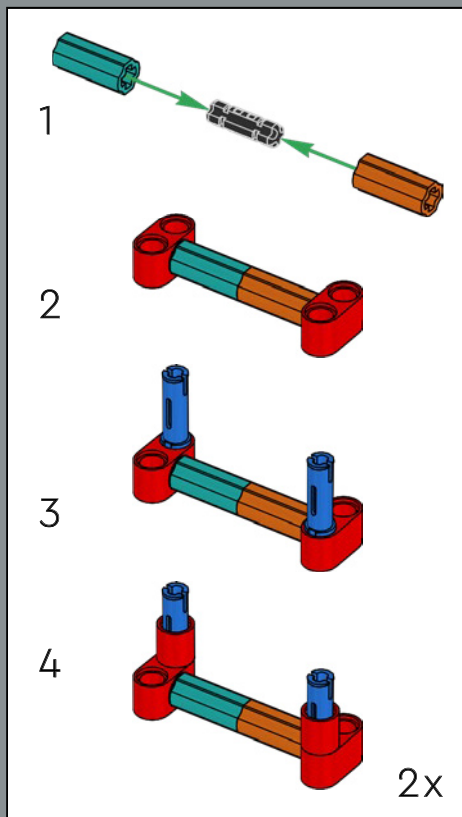


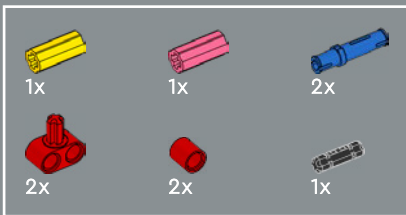
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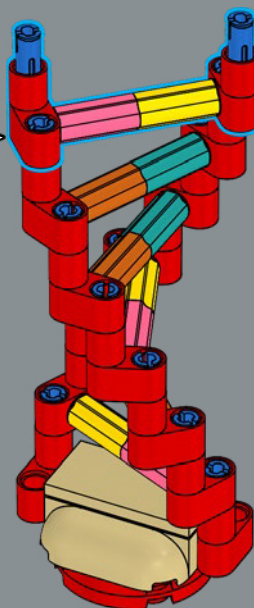
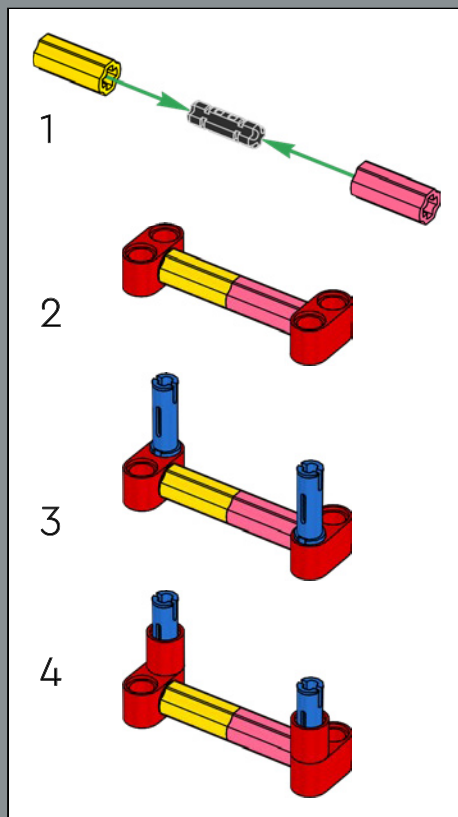


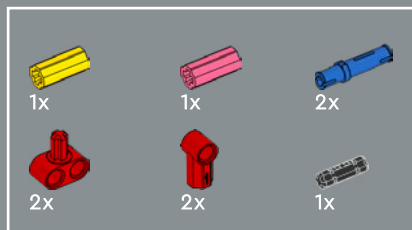
62



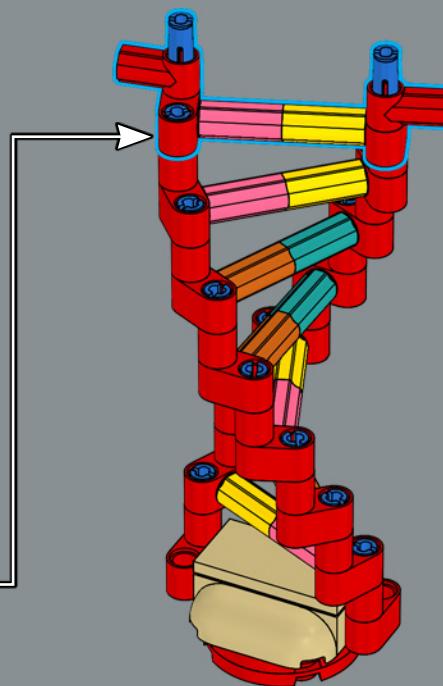
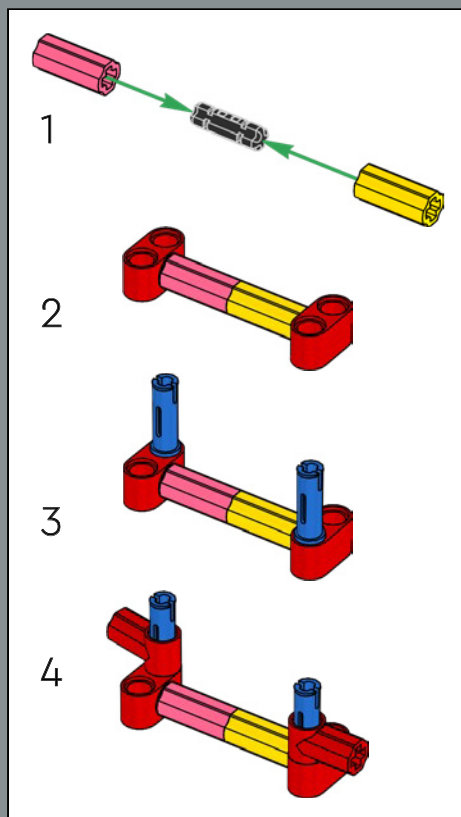


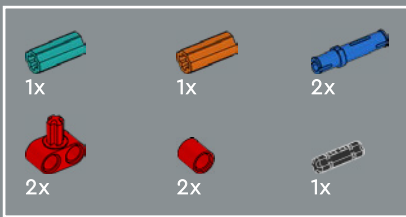
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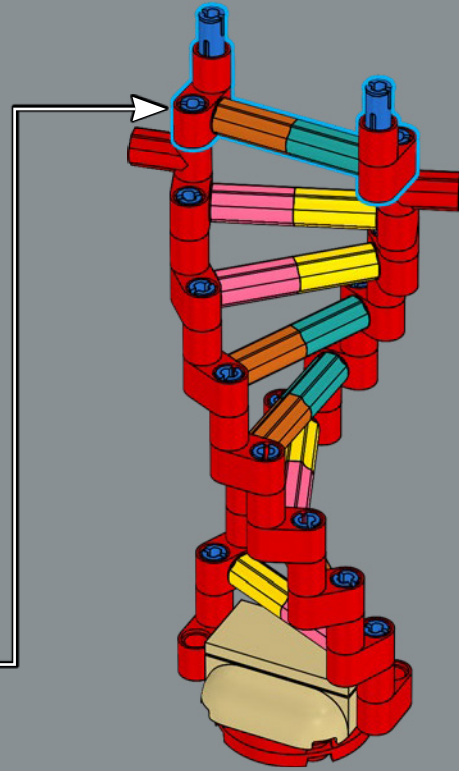
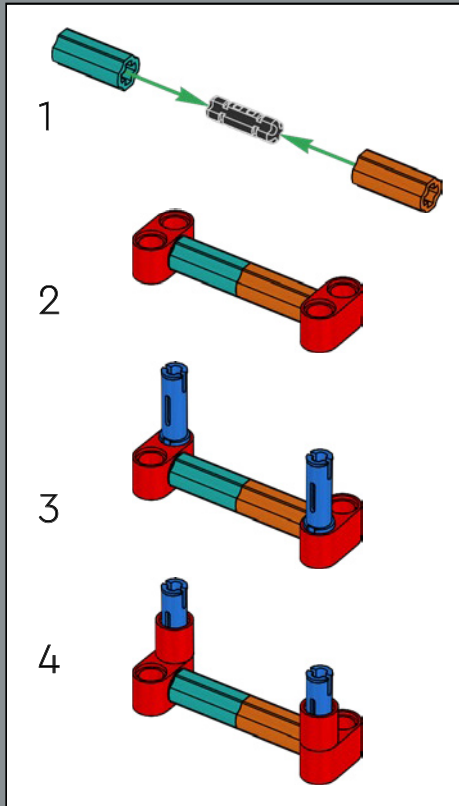


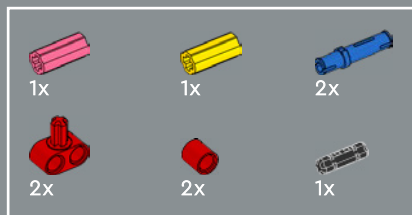
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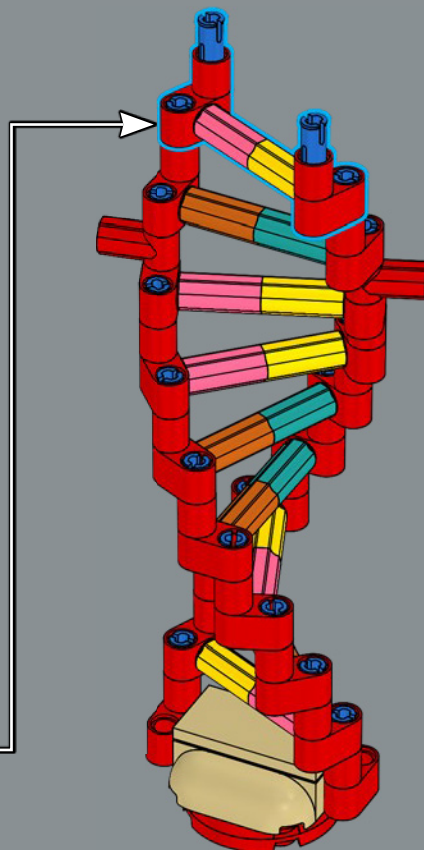
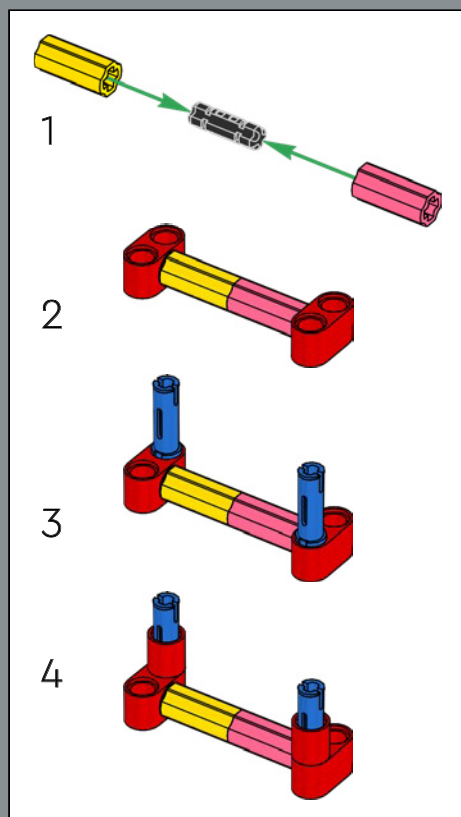


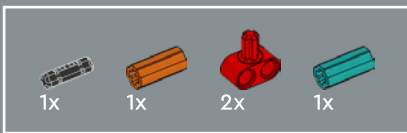
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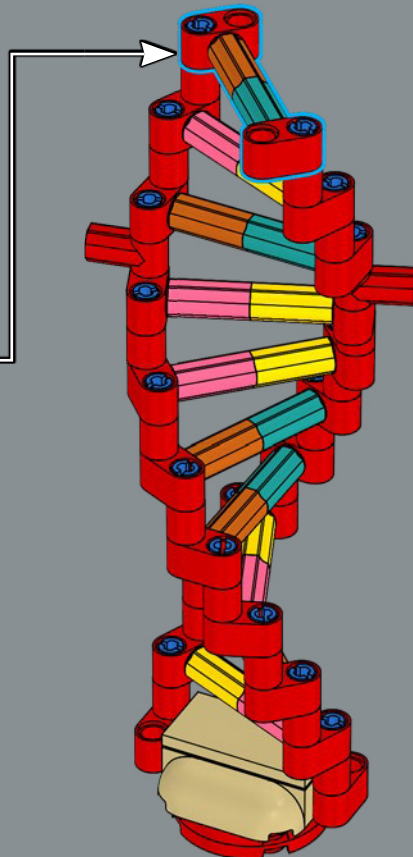
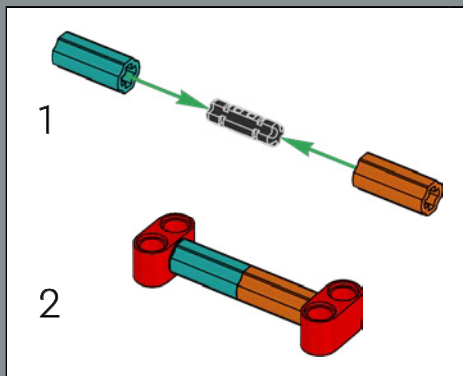


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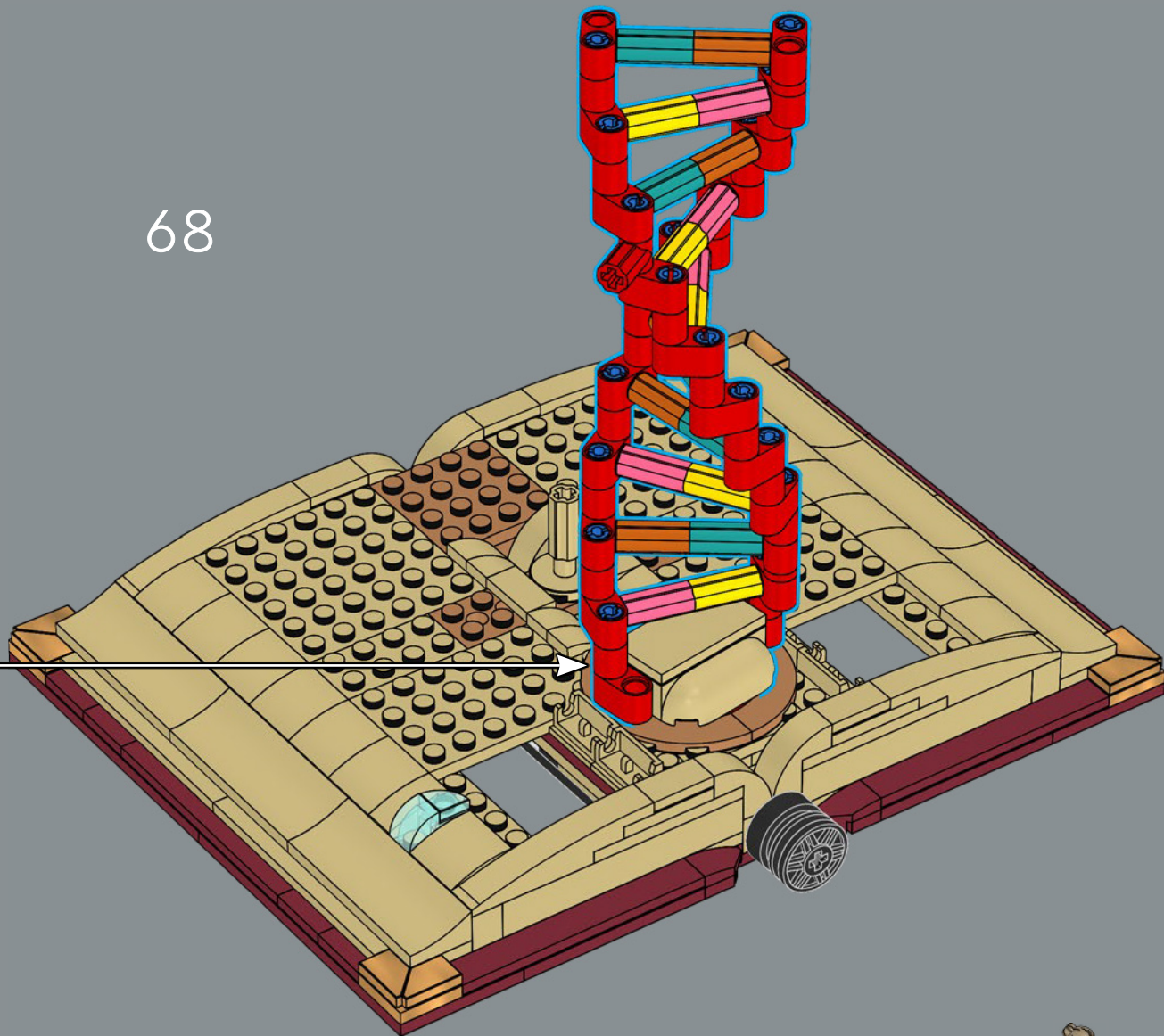




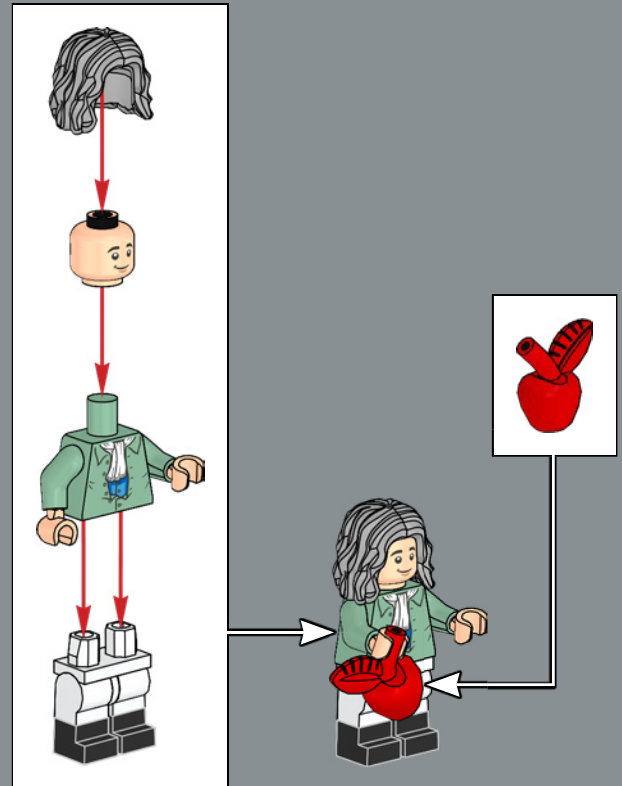
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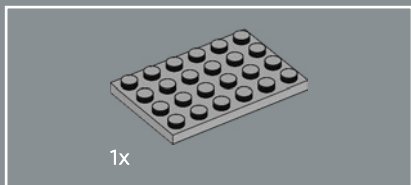


68

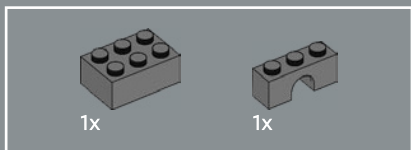
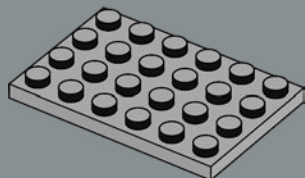


Sir Isaac Newton (1643-1727), ein englischer Universalgelehrter und eine Schlüsselfigur der wissenschaftlichen Revolution im Zeitalter der Aufklärung, formulierte die Bewegungsgesetze und eine Farbenlehre, die er aus seiner Arbeit mit Lichtprismen ableitete. Einige davon hast du bereits gebaut.

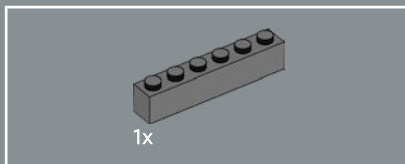
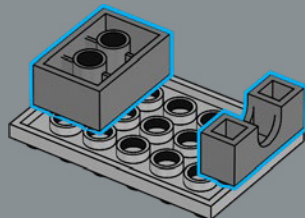




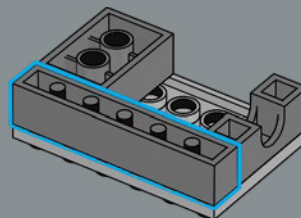
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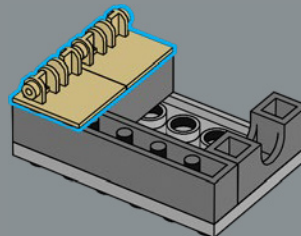
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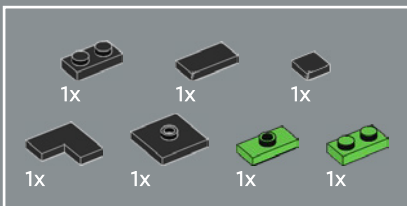


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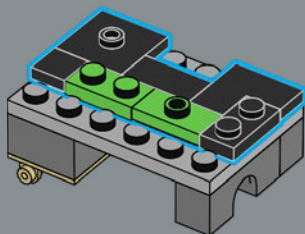


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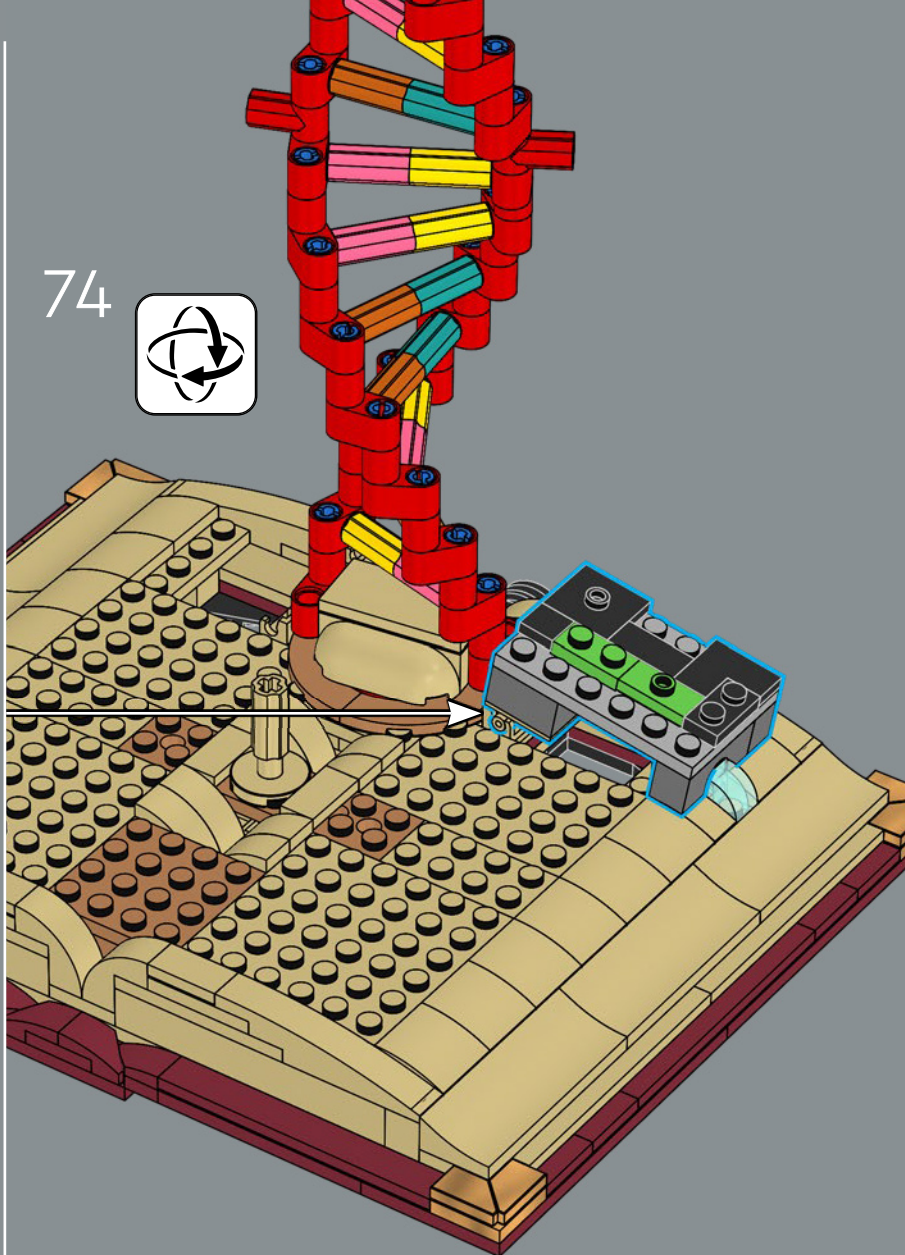


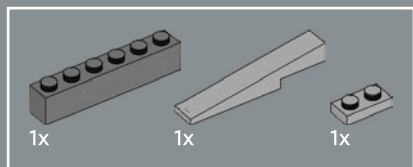


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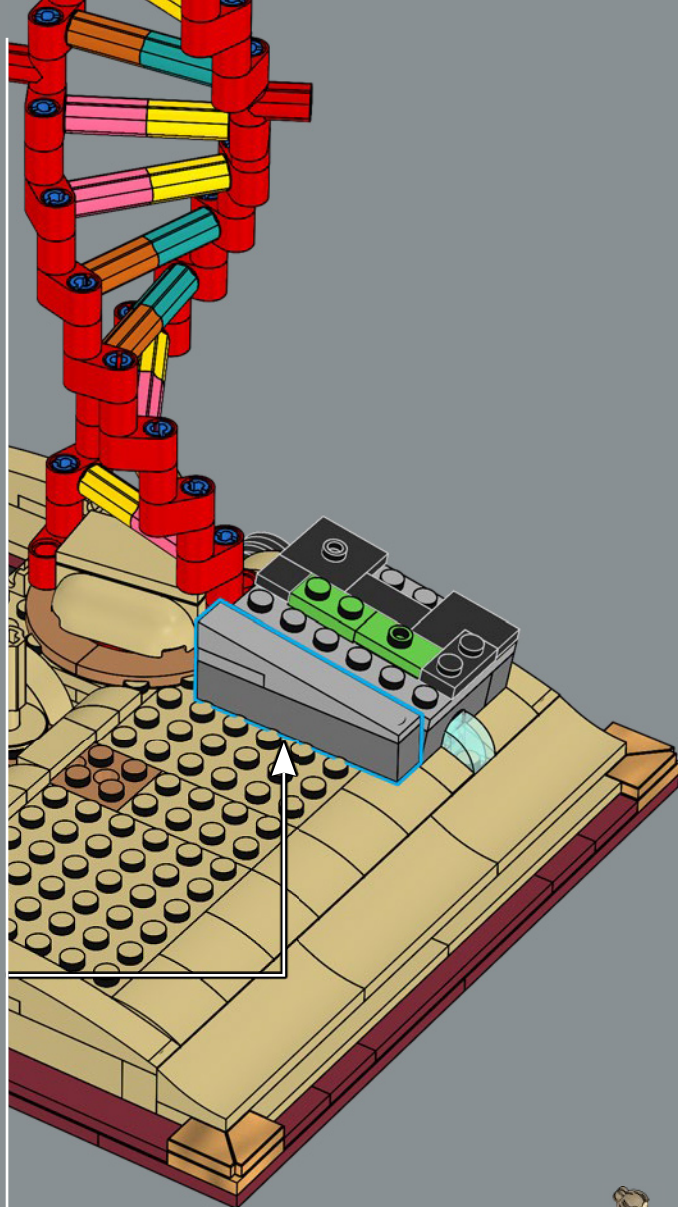
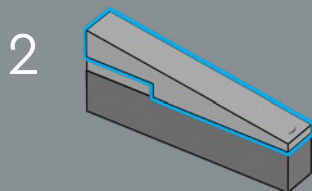
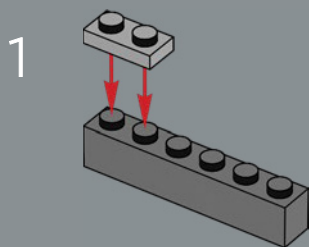


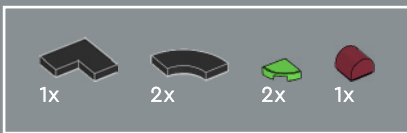
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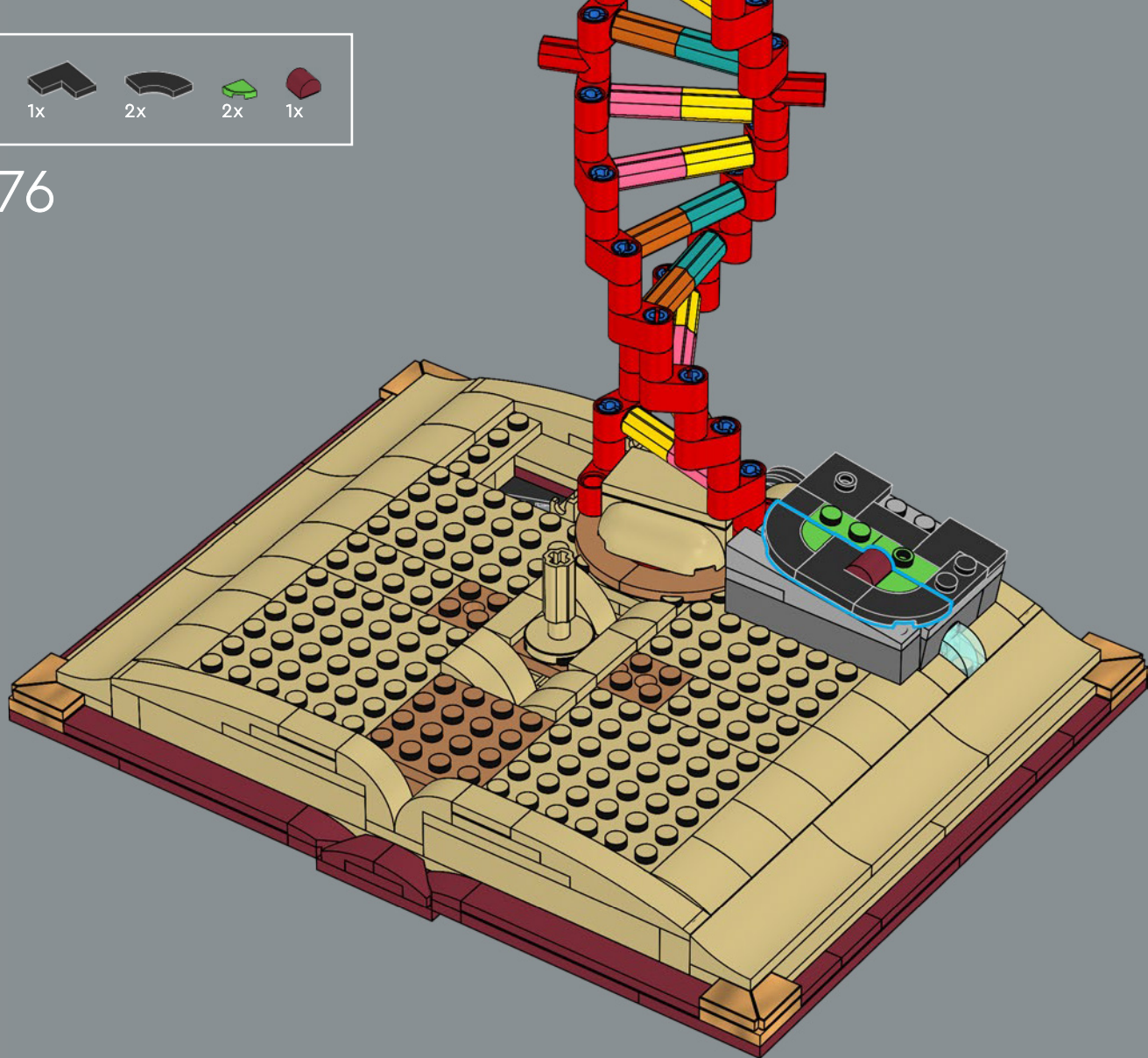


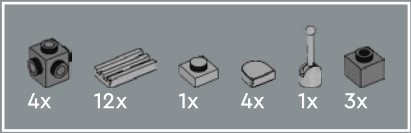
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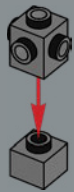
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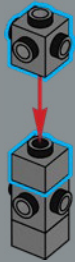


77

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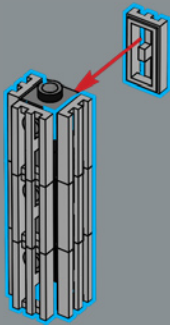
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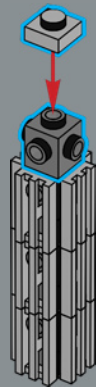
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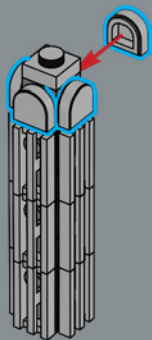
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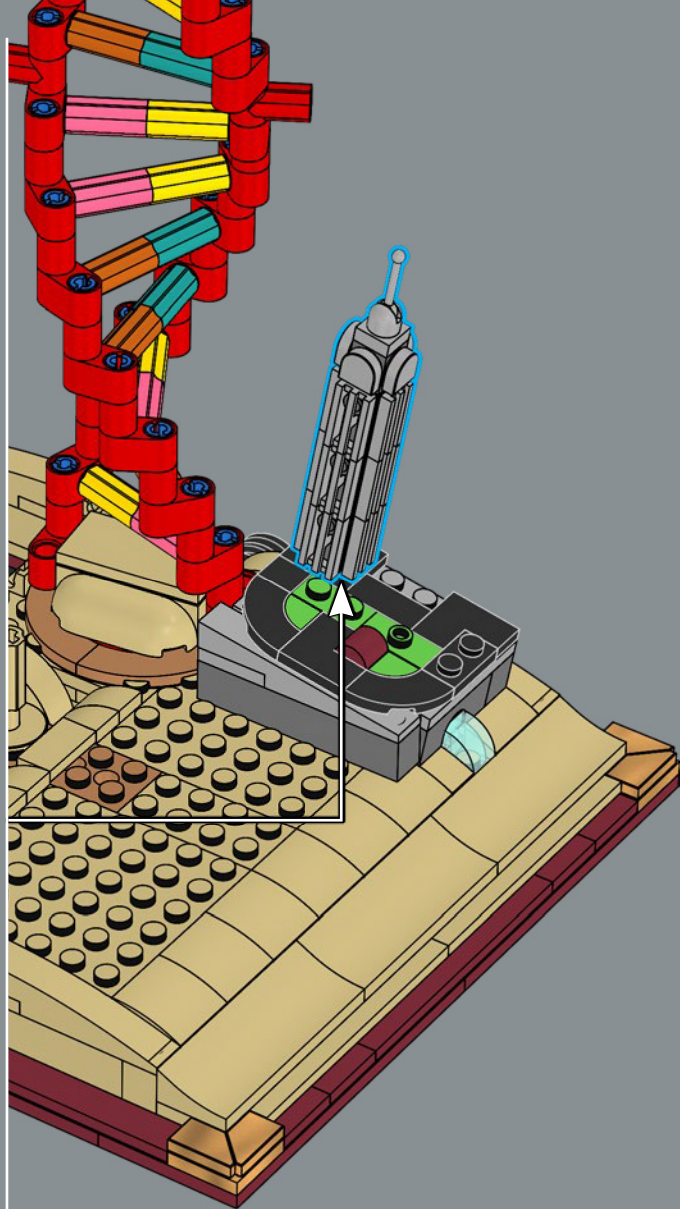
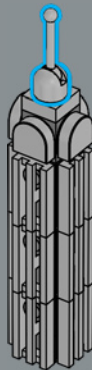
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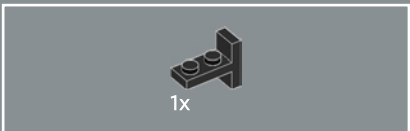
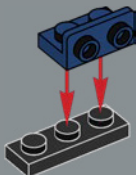


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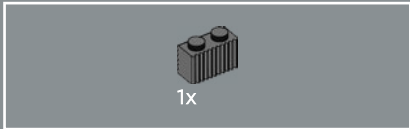
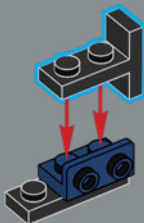




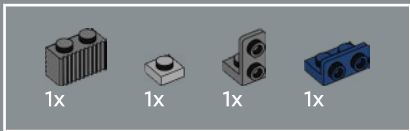
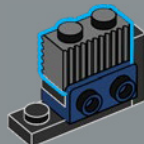
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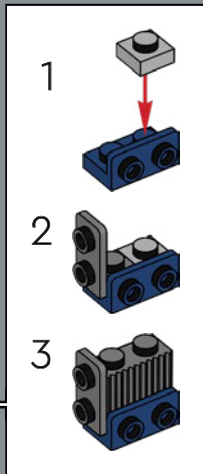
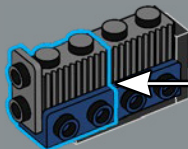
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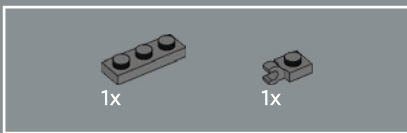


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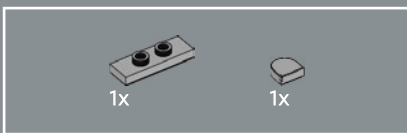
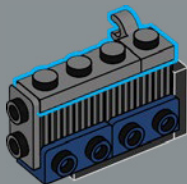


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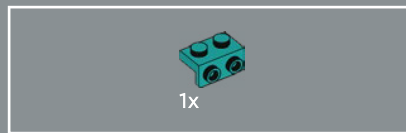
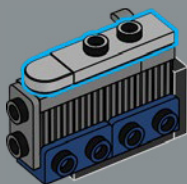




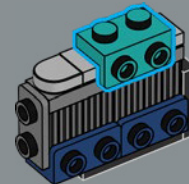
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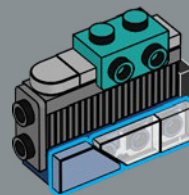
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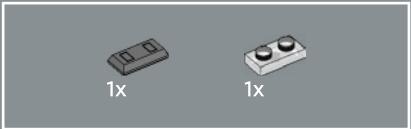


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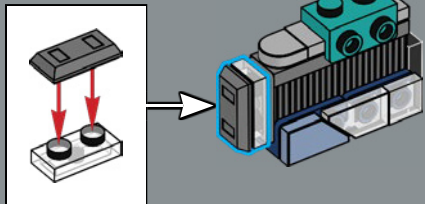


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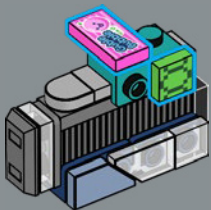




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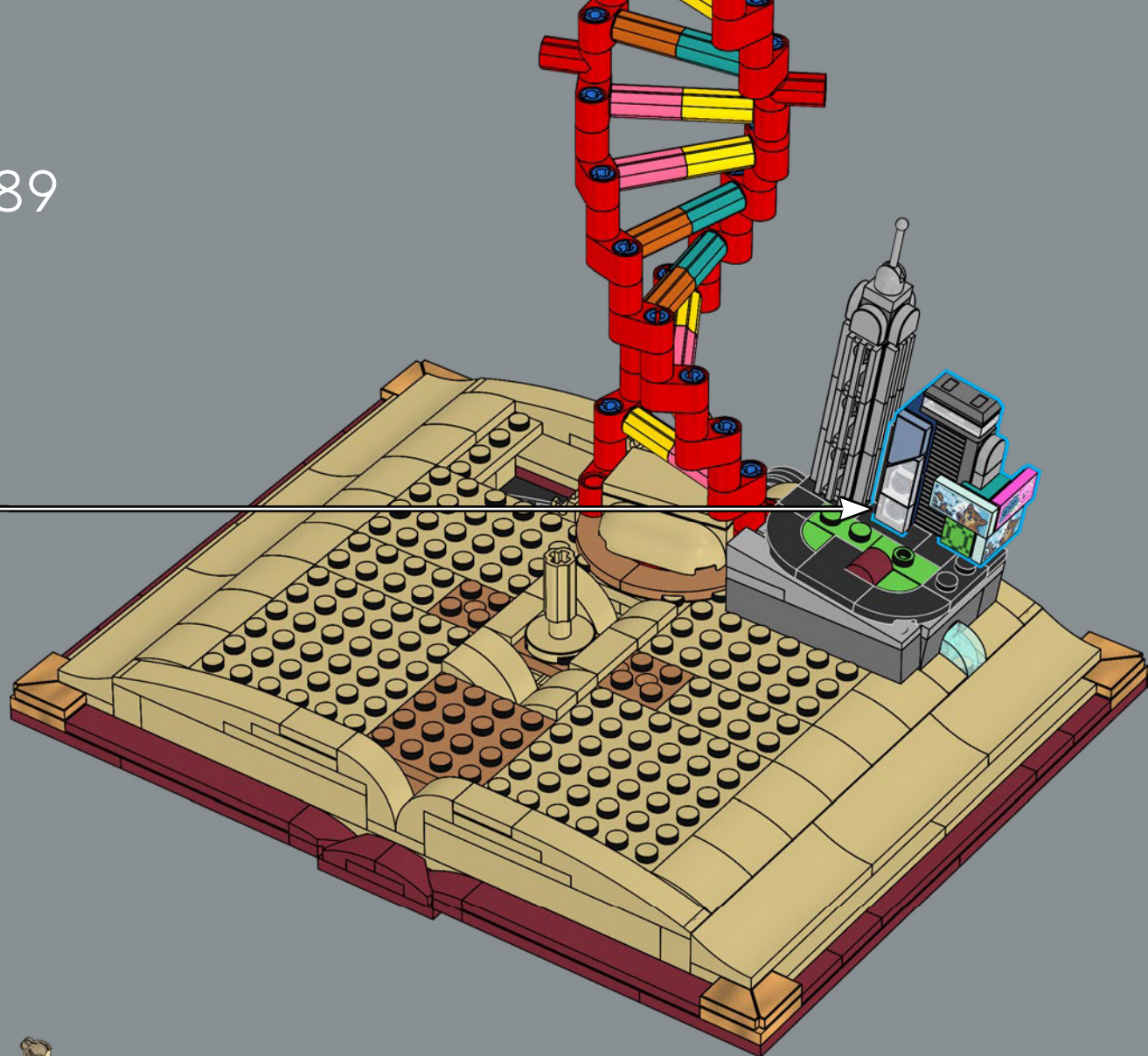


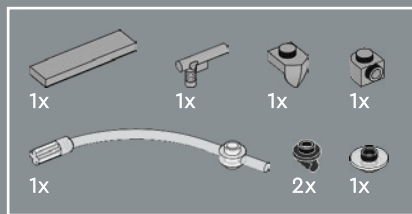
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88

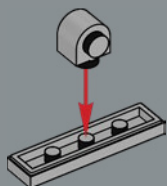




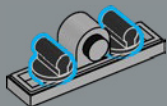


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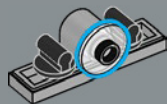
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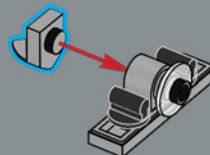
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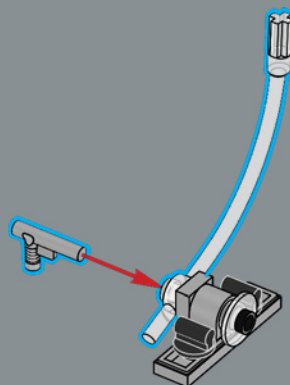
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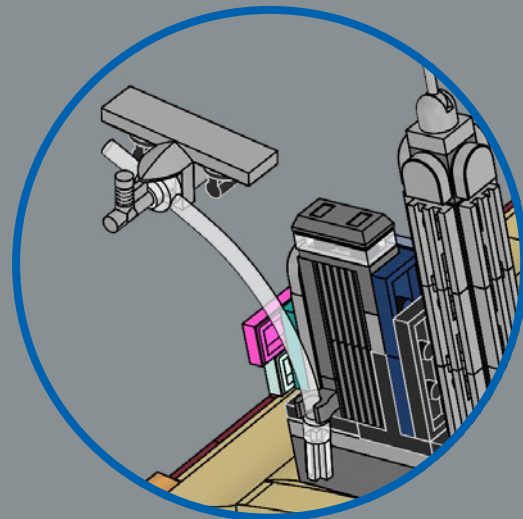
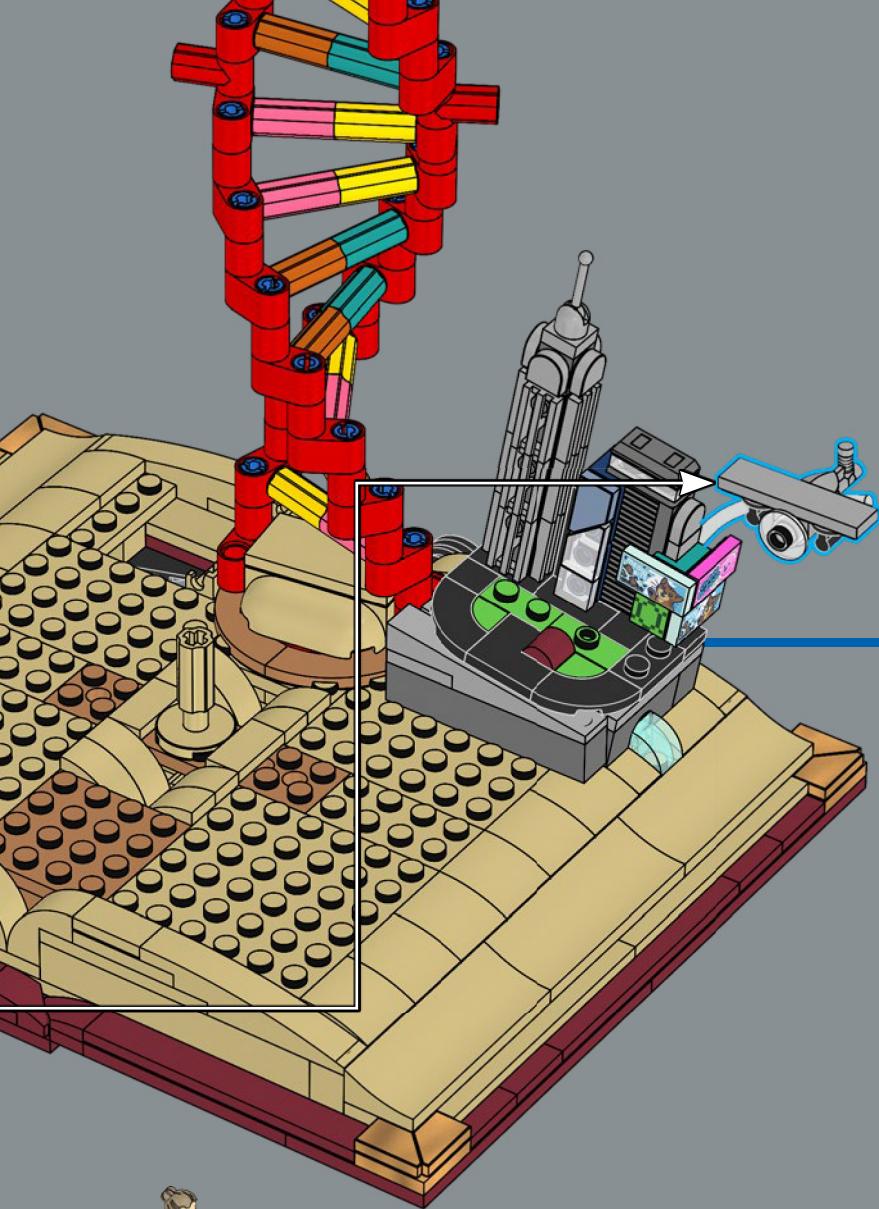


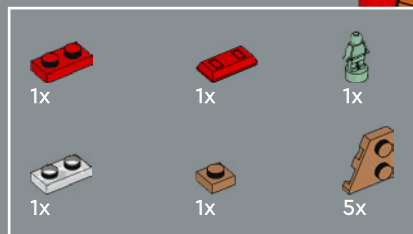
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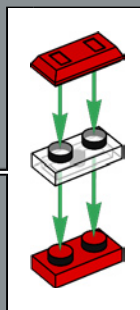
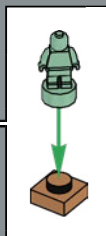
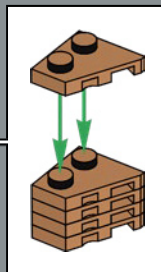
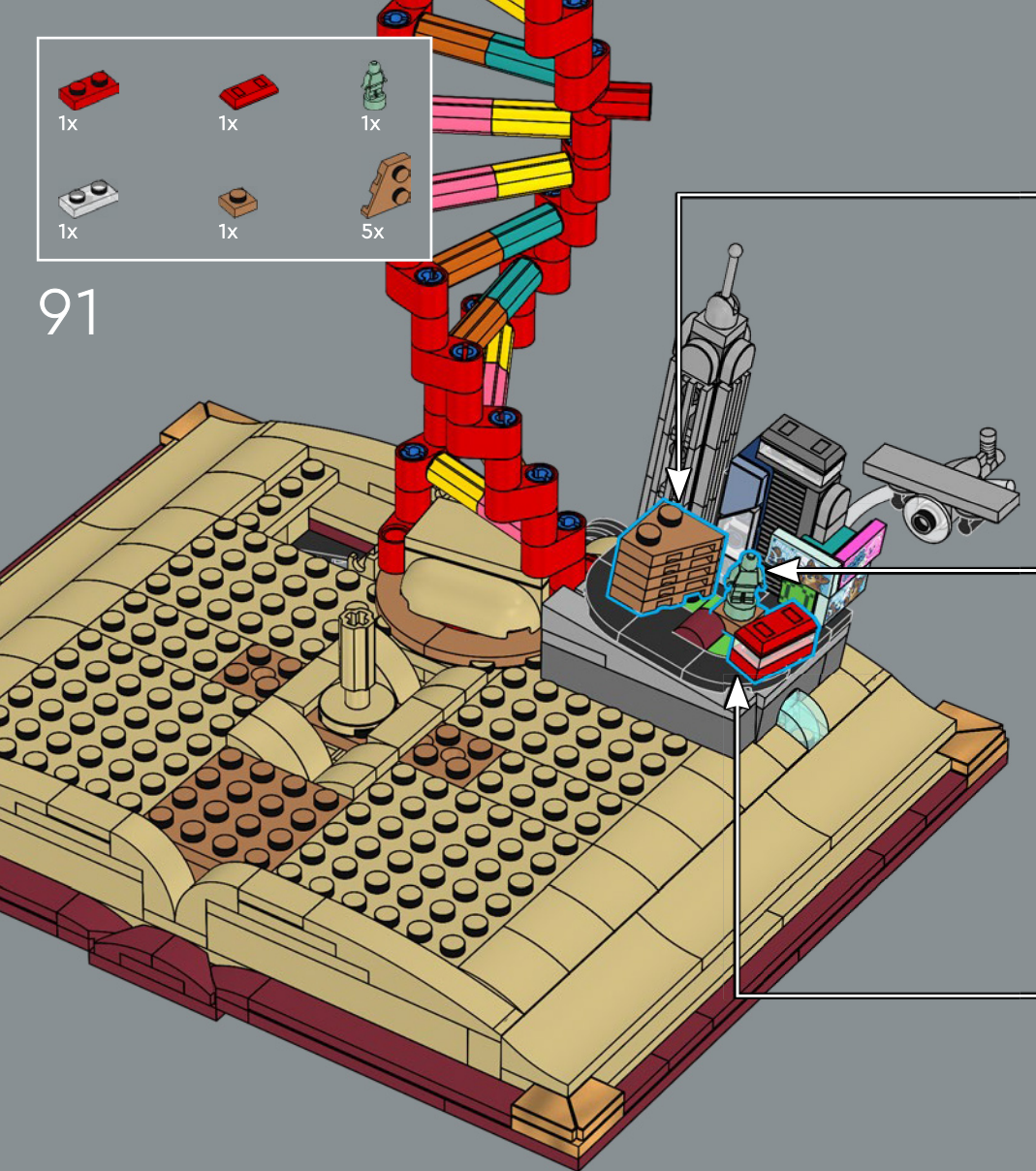
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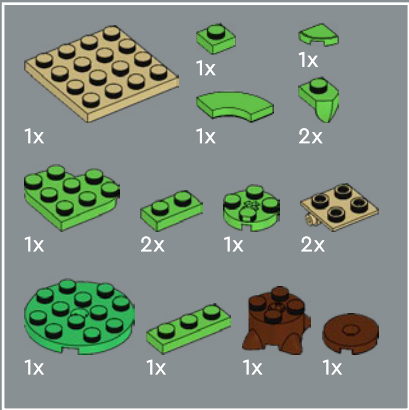




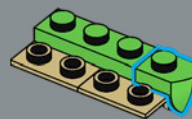
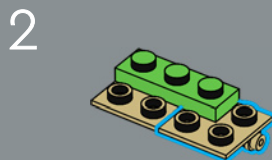
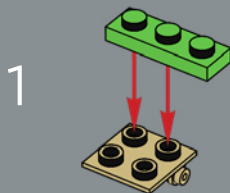


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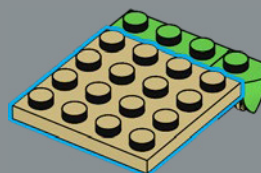




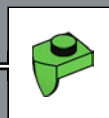
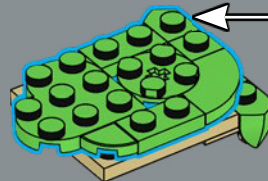
92

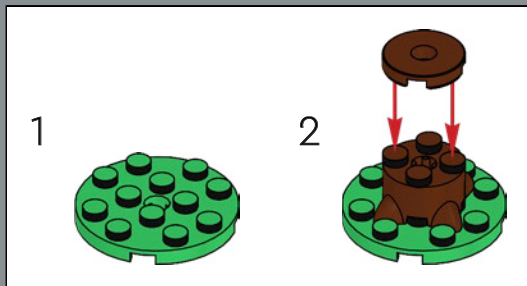


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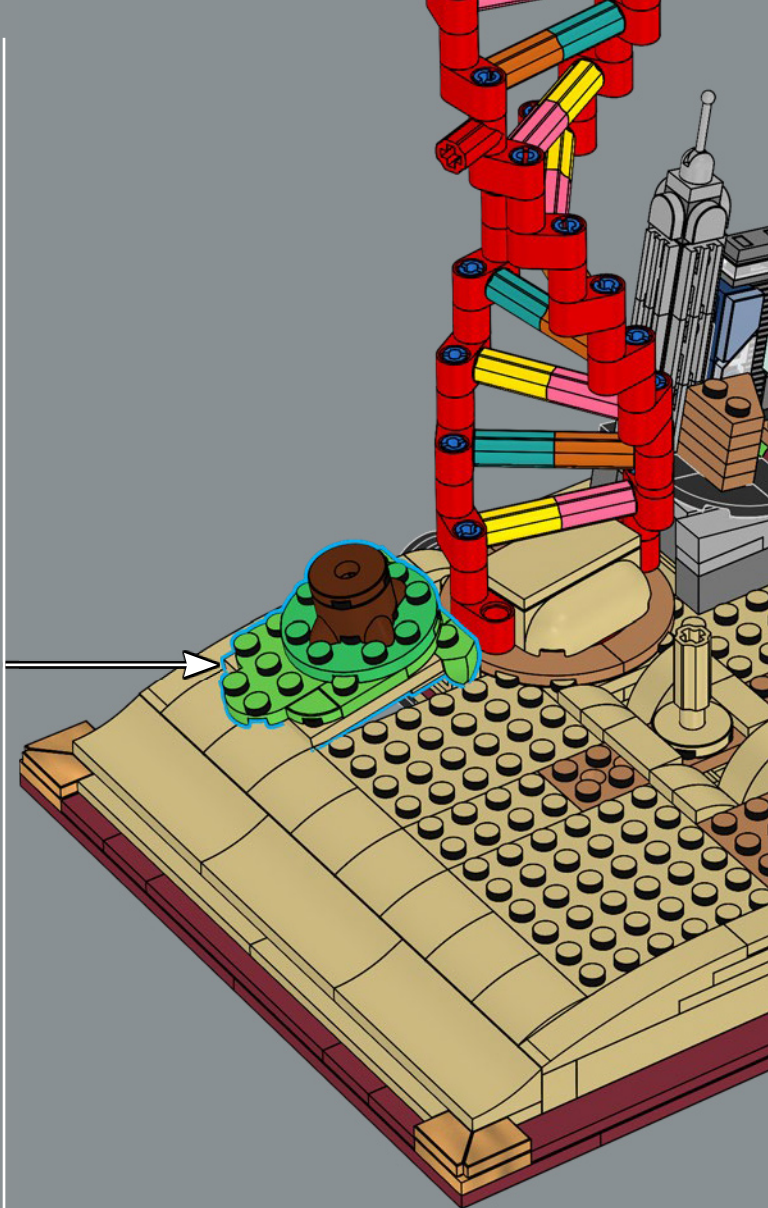
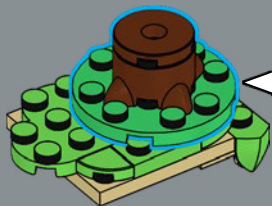


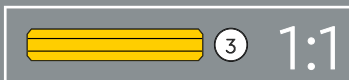
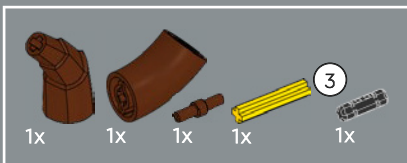
5



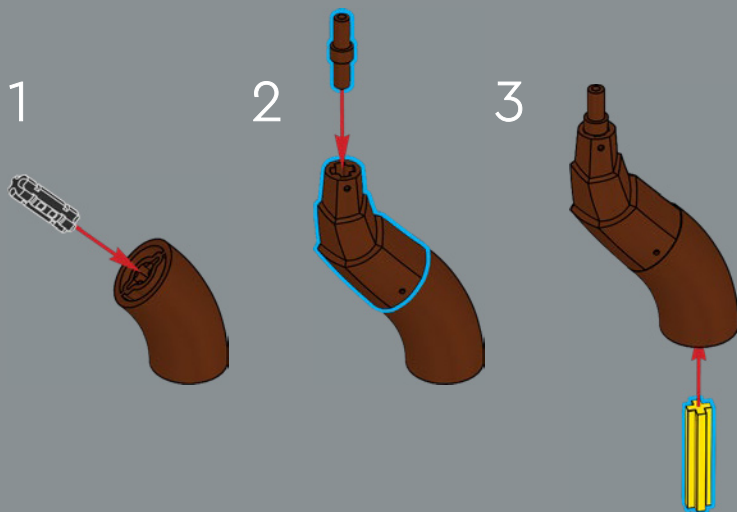


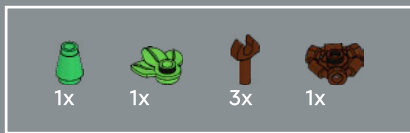
6





93



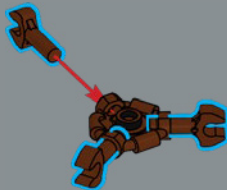


94

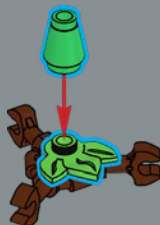
1



2



3





3x



3x



3x



3x



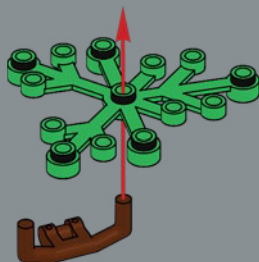
9x



3x

95

1



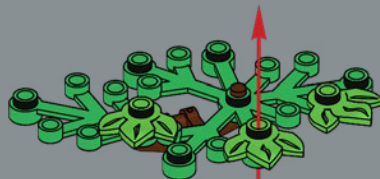
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3

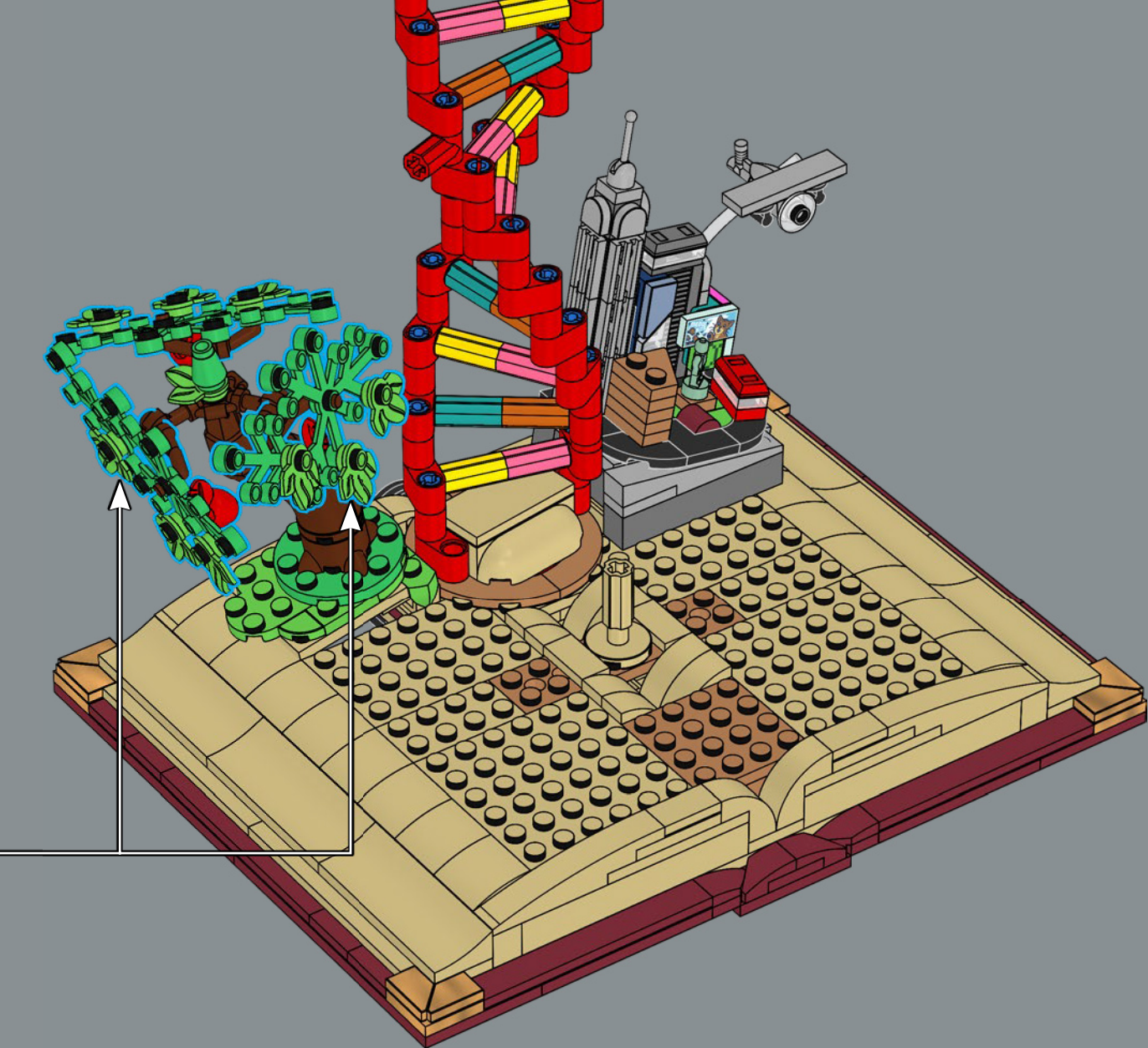


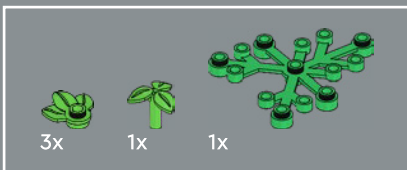
4



3x



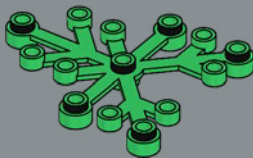




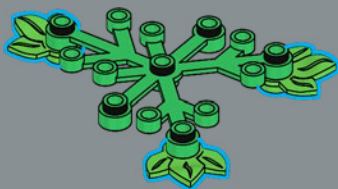
Der Apfelbaum, der angeblich Isaac Newton zu seiner Schwerkrafttheorie inspirierte und jetzt auf ein Alter von mehr als 400 Jahren geschätzt wird, gedeiht noch immer am Familiensitz des Wissenschaftlers in Lincolnshire (England).

96

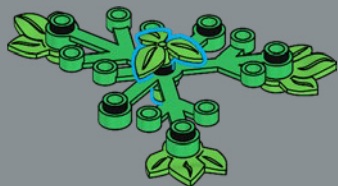
1

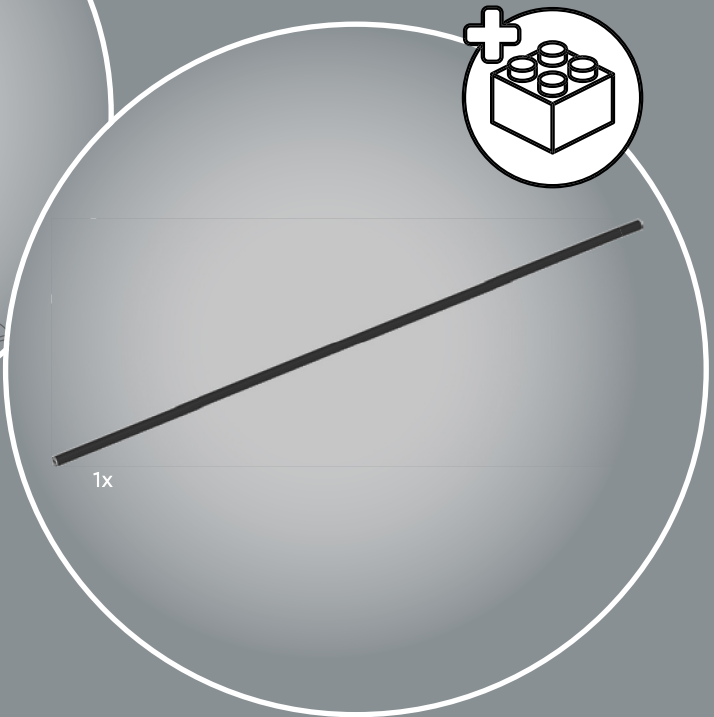


2



3

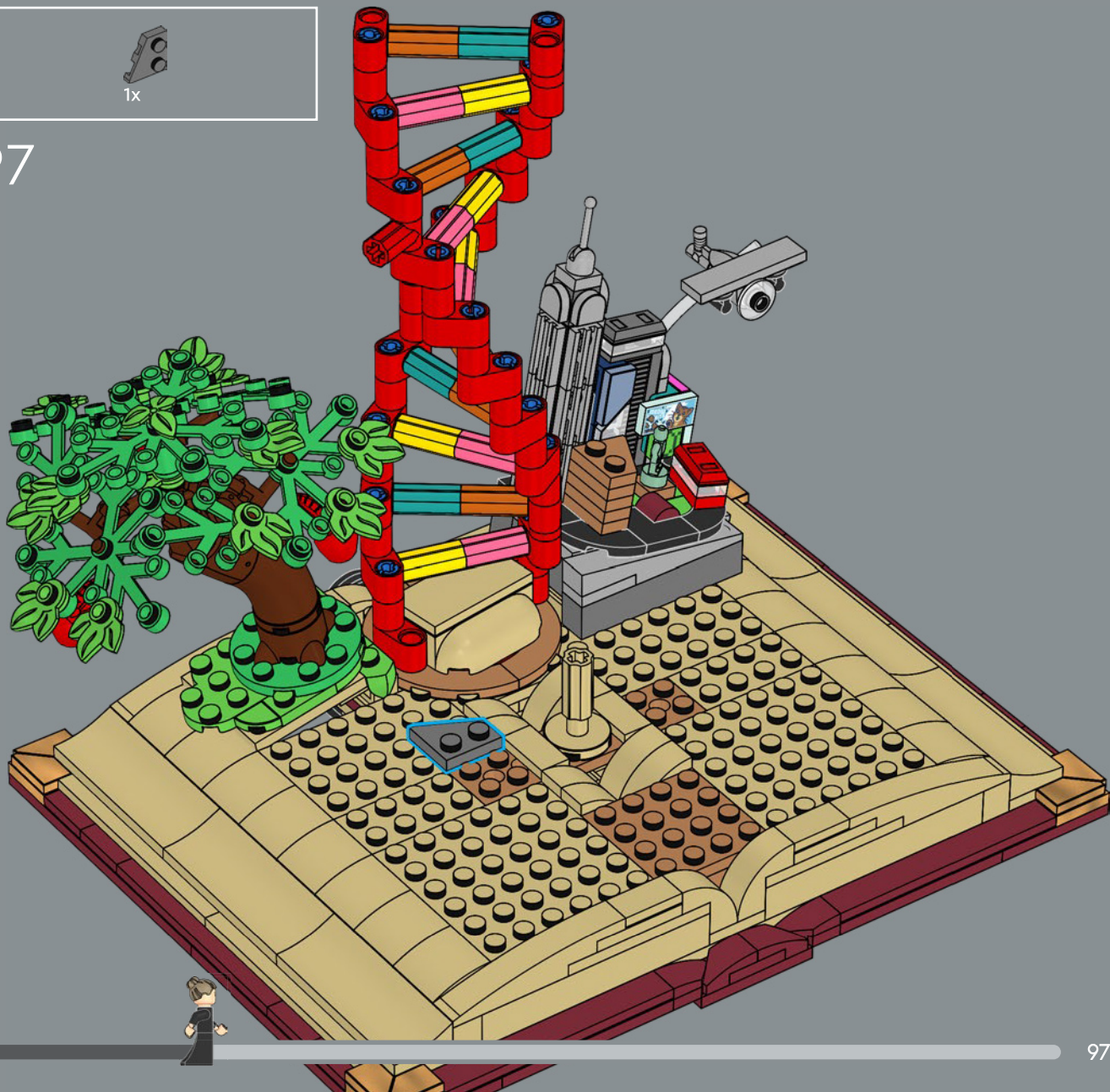


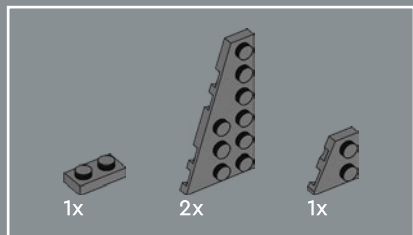




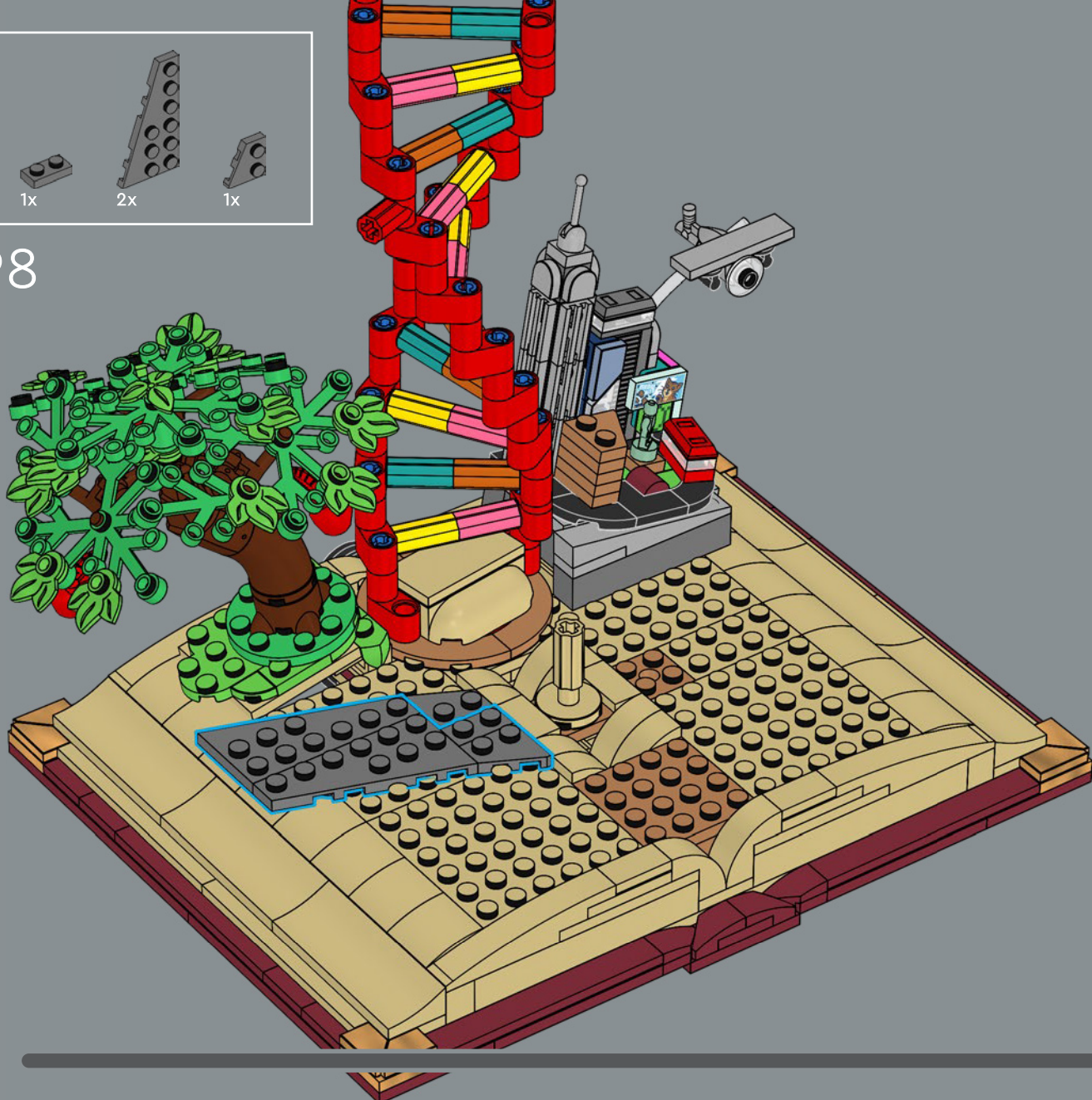
1x

97





98





1x



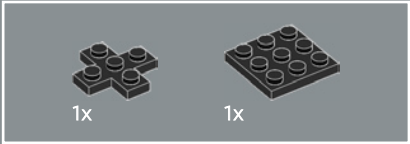
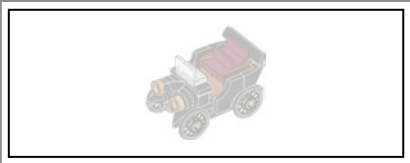
1x



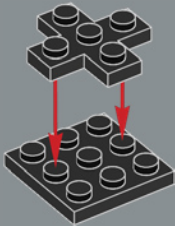
6x

99

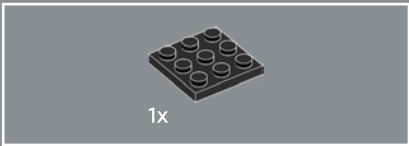
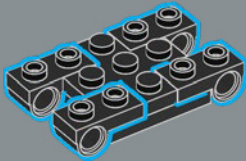




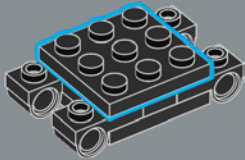
100



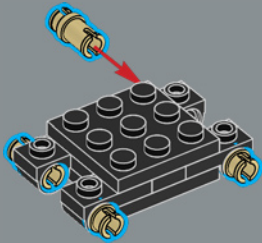
101

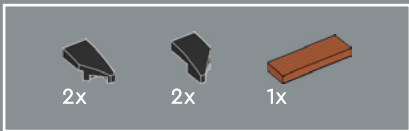


102

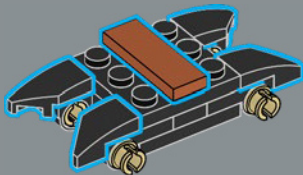


103

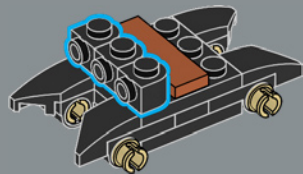




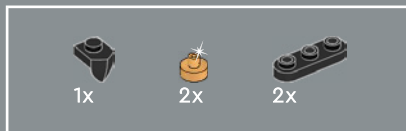
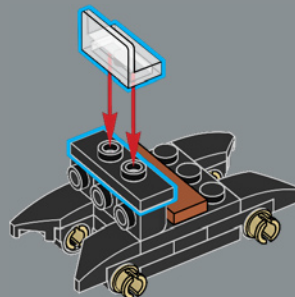
104



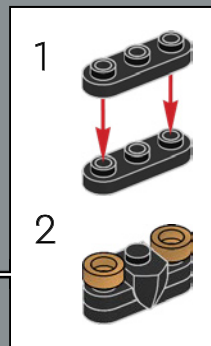
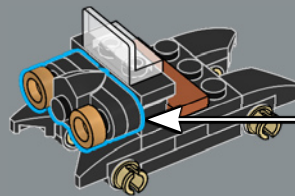
105

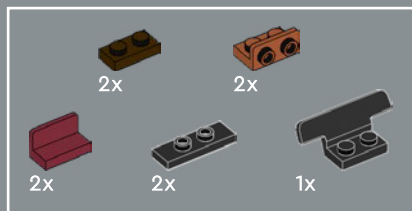


106



107



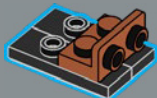


108

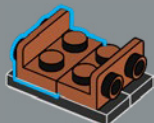
1



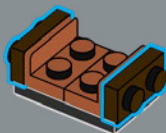
2



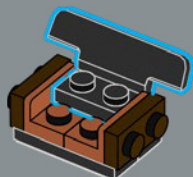
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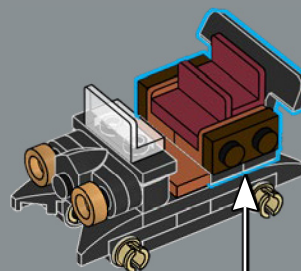
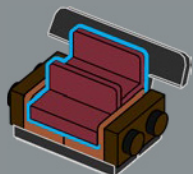
4



5

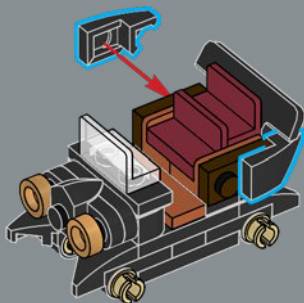


6

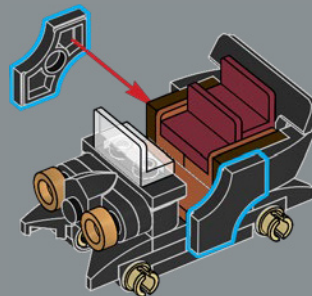




109



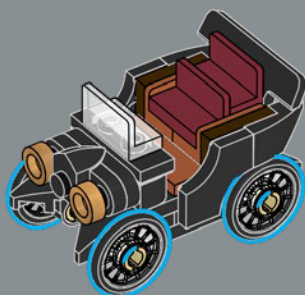
110





4x

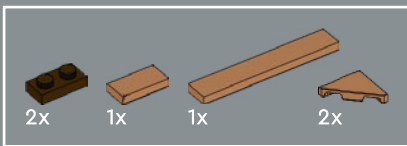
111



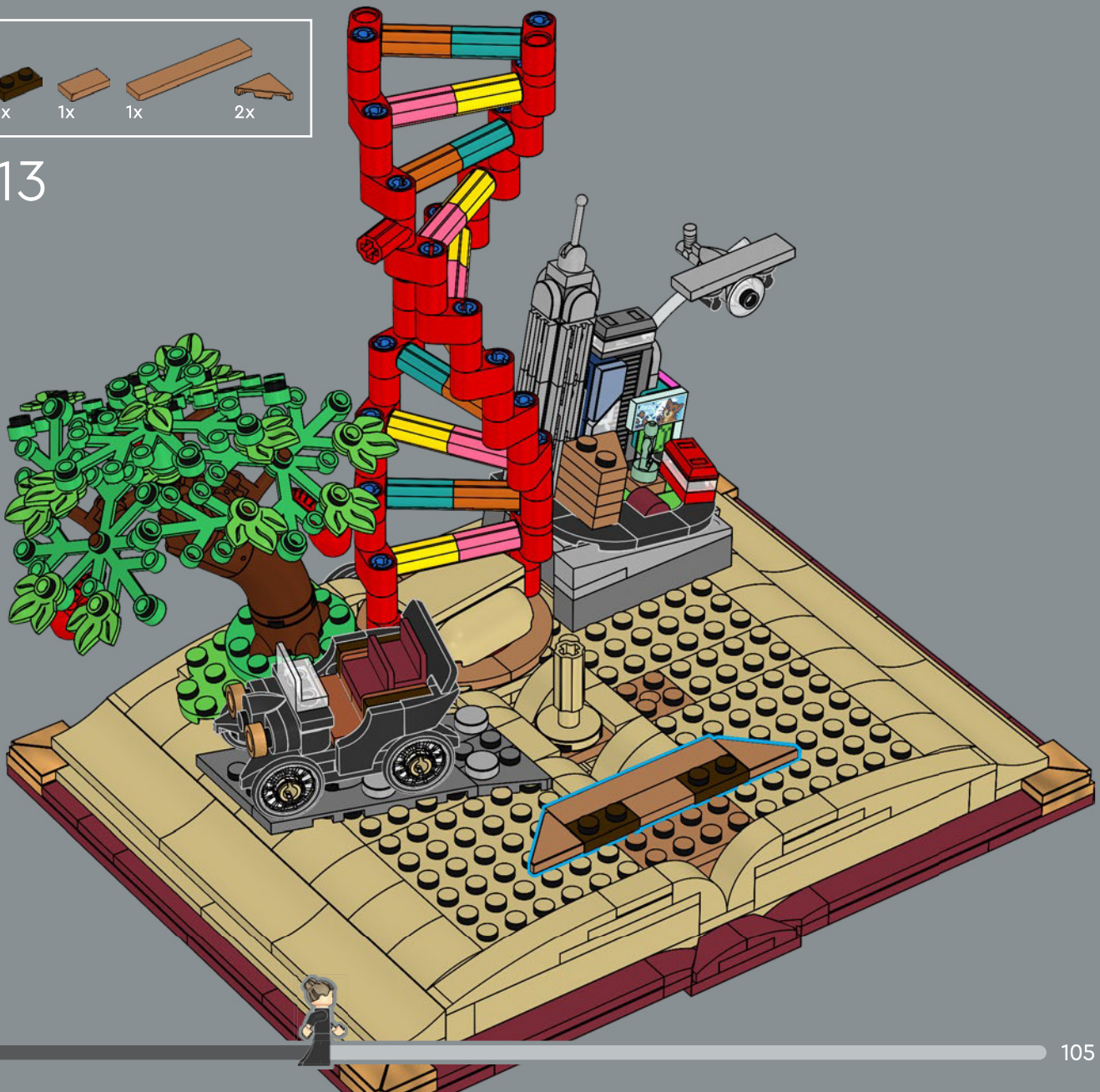
Die Automodelle aus den frühen 1900er-Jahren waren die Vorboten einer globalisierten Welt sowie des Zeitalters der Fahrzeuge mit Verbrennungsmotoren.

112





113

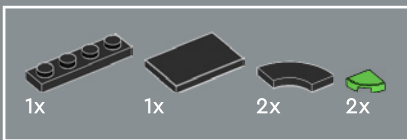


			
2x	2x	4x	2x

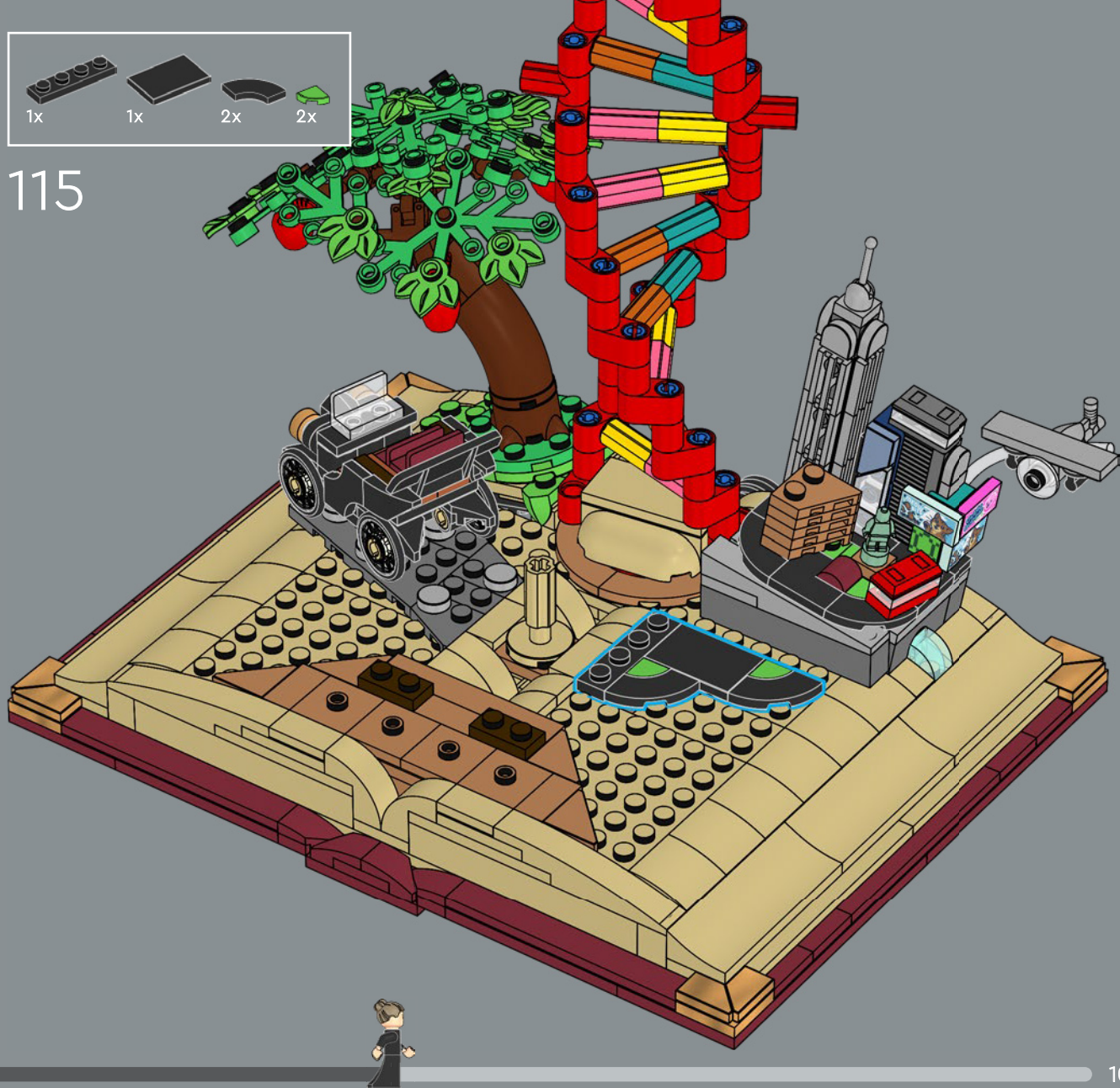
114

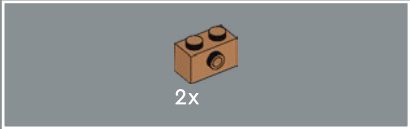



2x

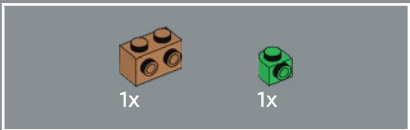
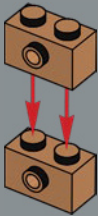


115

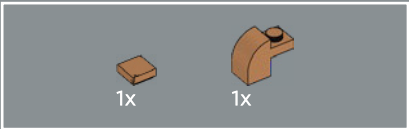
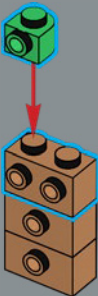




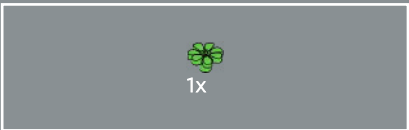
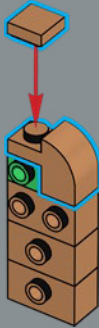
116



117



118

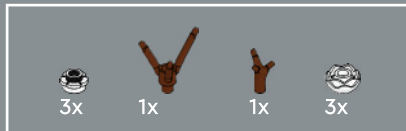
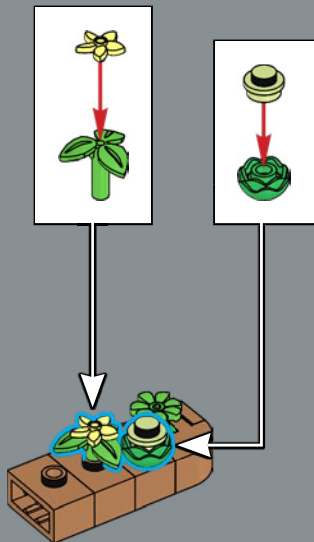


119

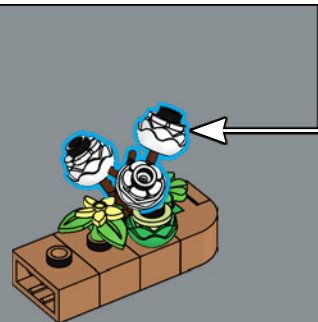


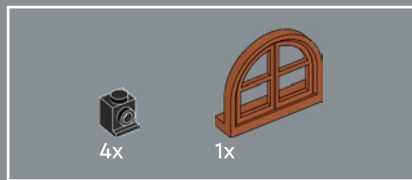


120

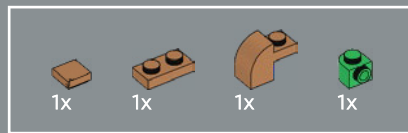
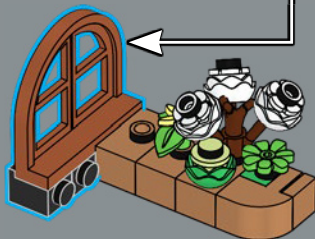
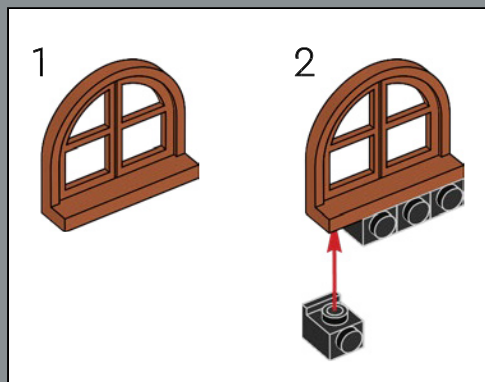


121

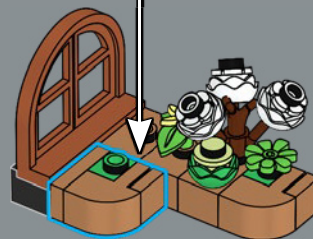
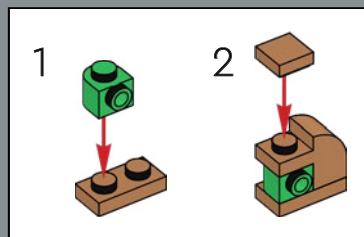




122

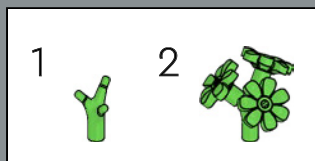


123

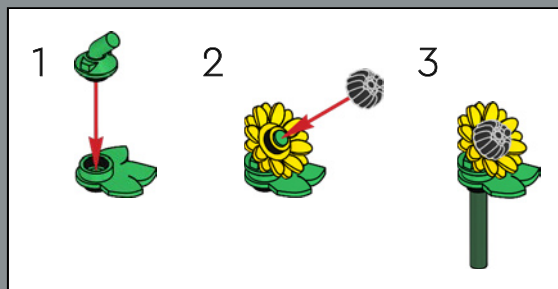




124



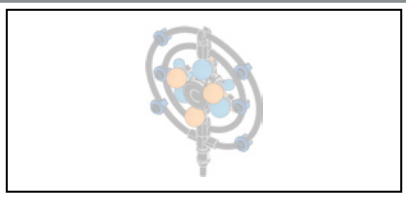
125



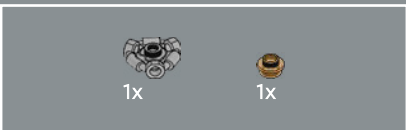
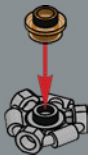
126



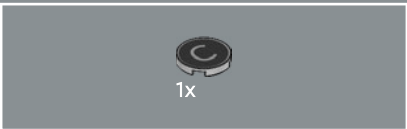
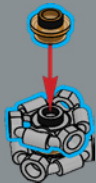
George Washington Carver wird die Erfindung von 325 Nutzungsmöglichkeiten für Erdnüsse, 108 Nutzungsmöglichkeiten für Süßkartoffeln und Hunderten von Nutzungsmöglichkeiten für Sojabohnen und Pekannüsse zugeschrieben.



127



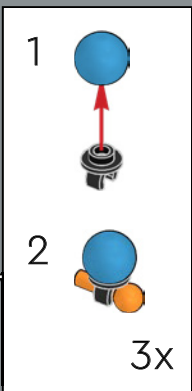
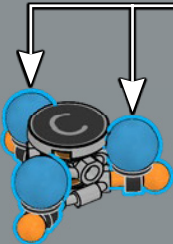
128

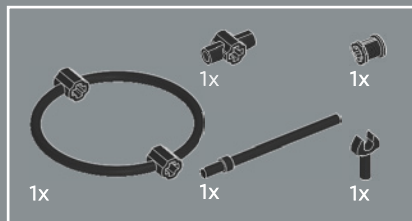


129



130



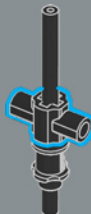


131

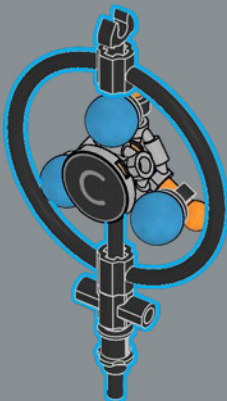
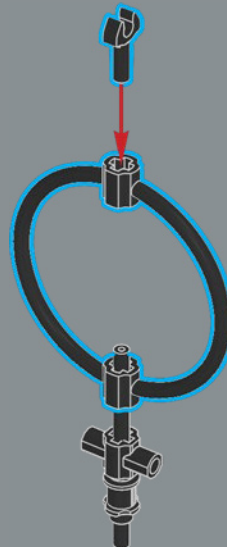
1

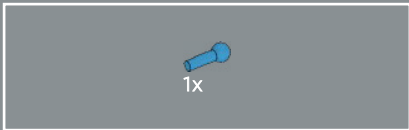


2

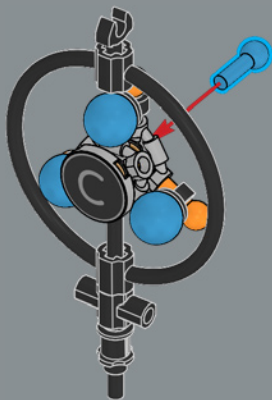


3

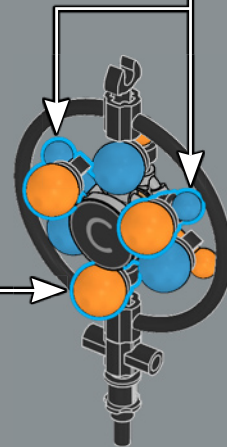
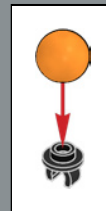
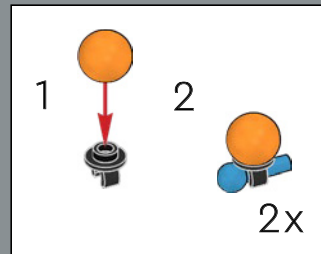


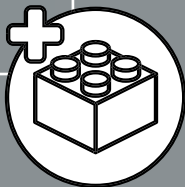
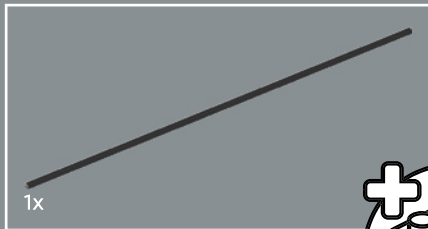


132

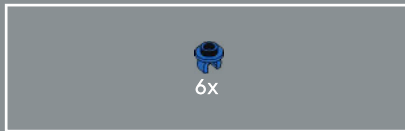
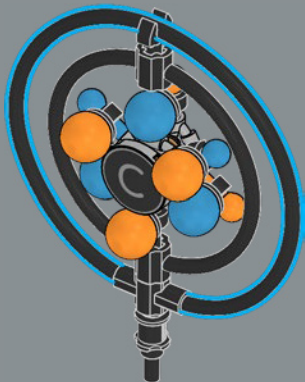


133

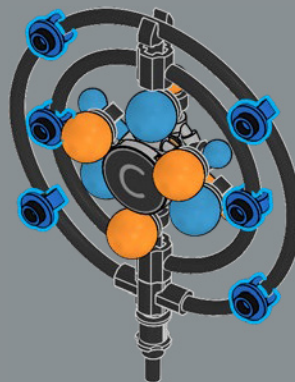




134



135

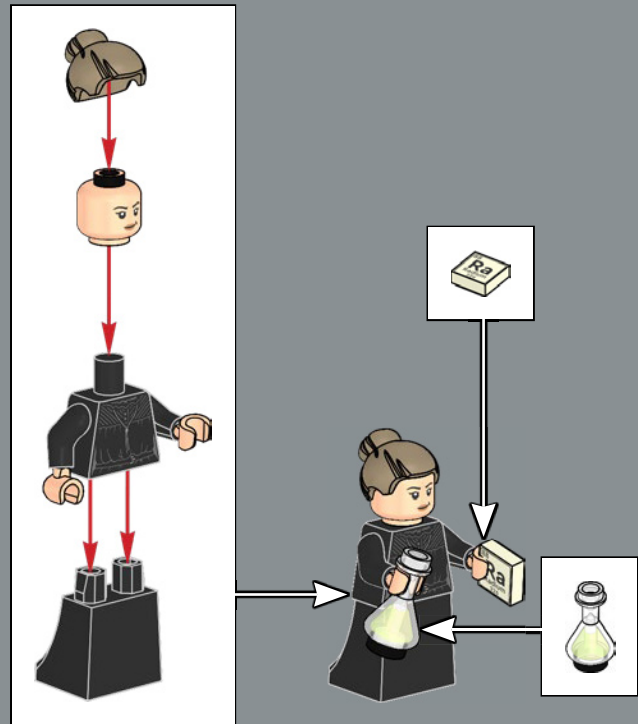


Diese 3D-Nachbildung eines Kohlenstoffatoms, auf dem alles Leben auf der Erde basiert, besteht aus sechs Neutronen, sechs Protonen und sechs Elektronen.

136



Die polnische Chemikerin und Wegbereiterin Marie Curie (1867-1934) gilt wegen ihrer Arbeit mit Radium und radioaktiven Stoffen als Mutter der modernen Physik. Sie war die erste Frau, der ein Nobelpreis verliehen wurde, und sie war die erste Person, deren Forschungsarbeit sogar noch mit einem zweiten Nobelpreis gewürdigt wurde.



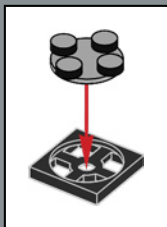


1x



1x

137

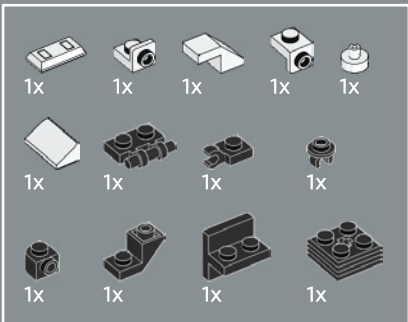




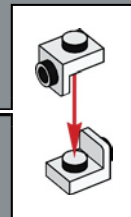
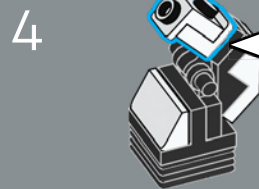
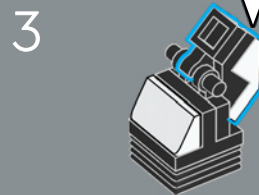
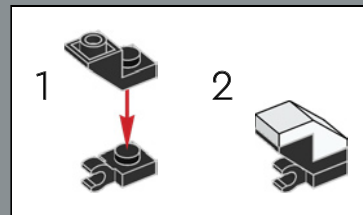
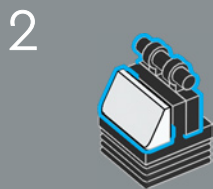
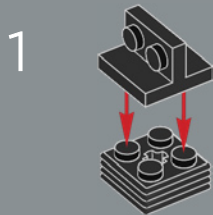
4x

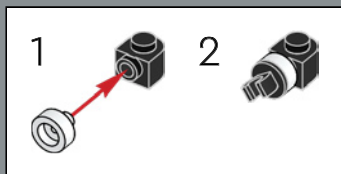
138



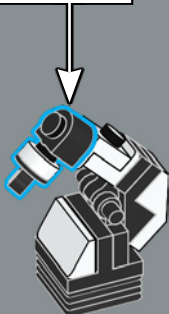


139

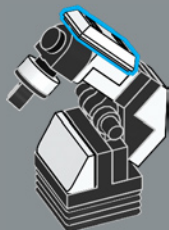




5

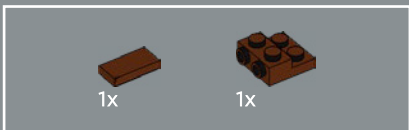


6

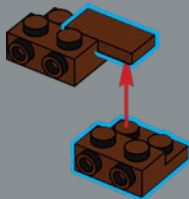




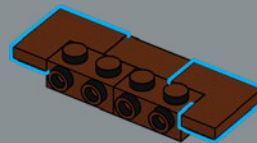
140



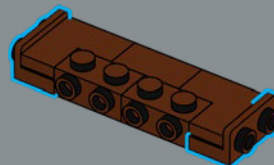
141

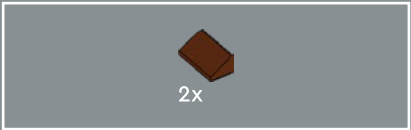


142

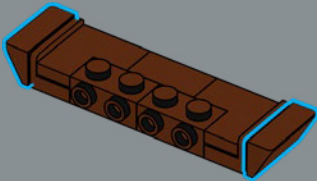


143

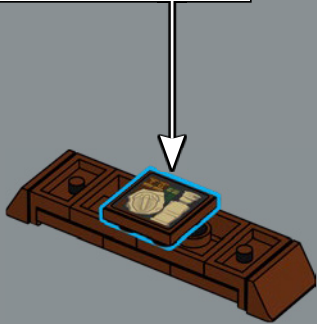
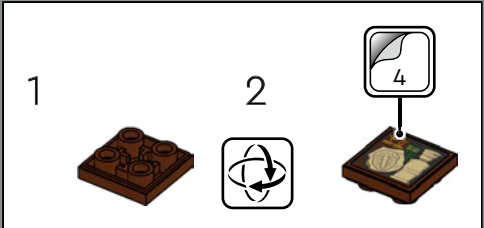


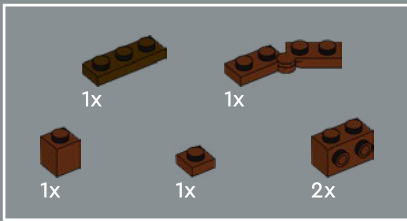


144

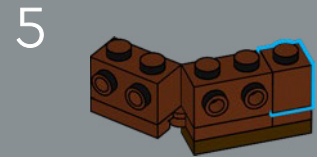
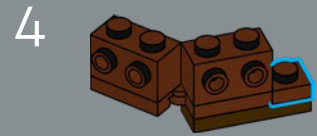
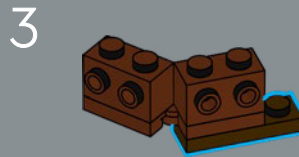
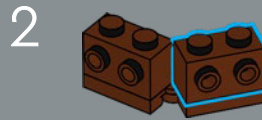
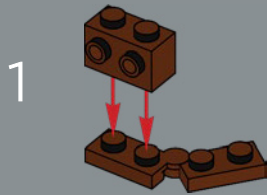


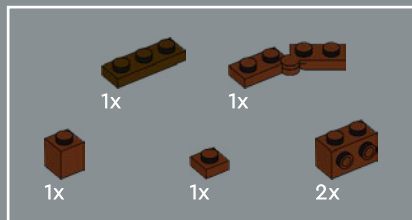
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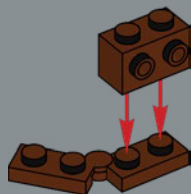
146



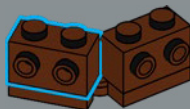


147

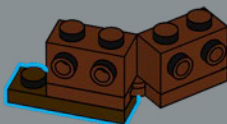
1



2



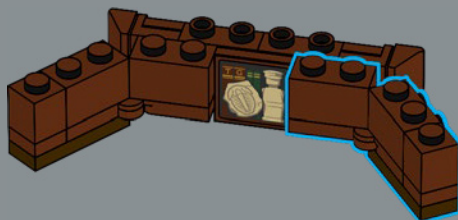
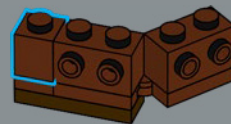
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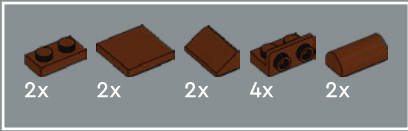
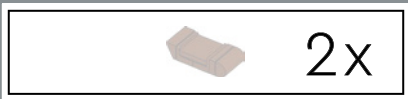


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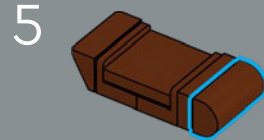
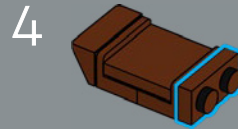
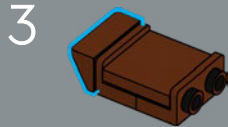
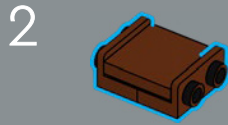


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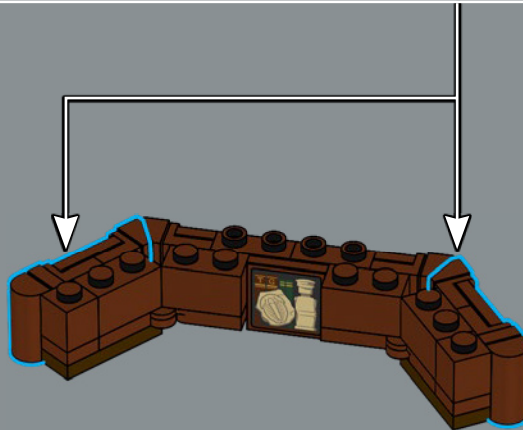


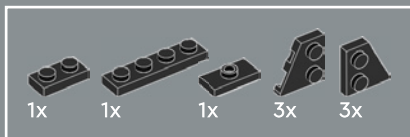


148

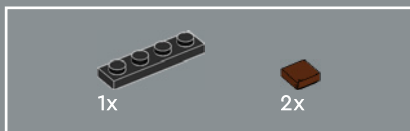


2x

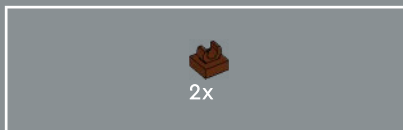




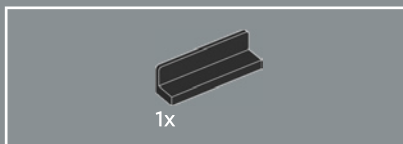
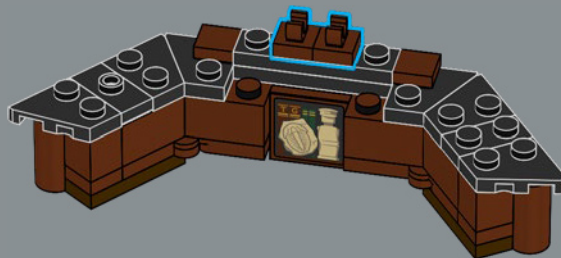
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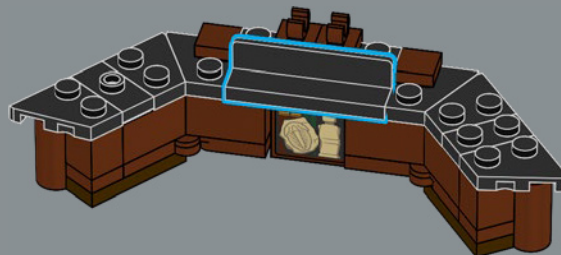
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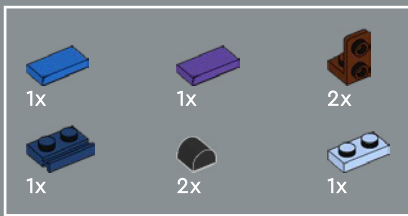


151

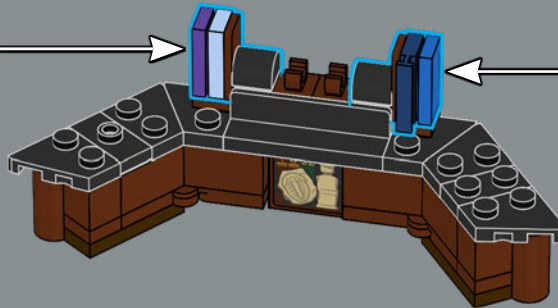
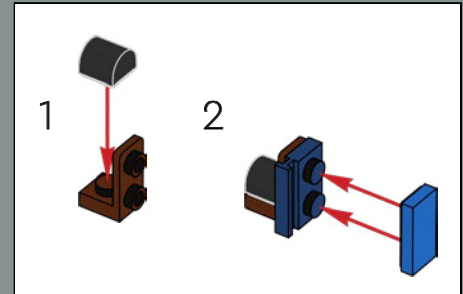
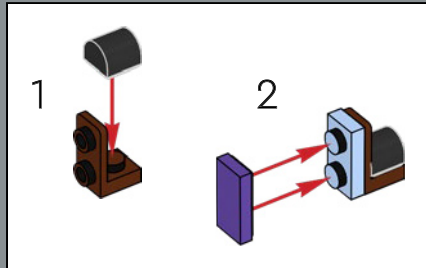


152





153

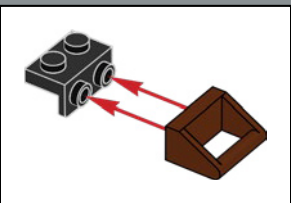


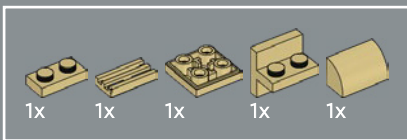


154

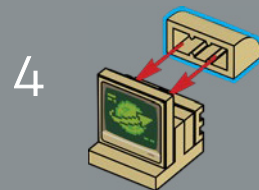
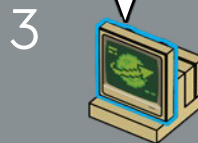
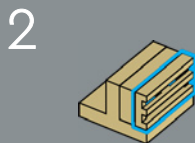
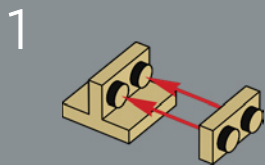


155





156




1x


1x


1x


1x

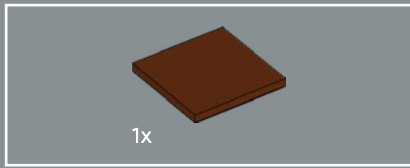

1x

157



158





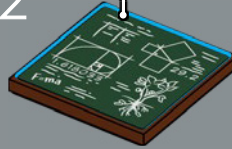
Der goldene Schnitt (ϕ) wird häufig auch als die schönste Zahl im Universum bezeichnet. Phi wird von den Fibonacci-Zahlen abgeleitet und ist überall in der Natur sichtbar, beispielsweise im Aufbau von Zellen oder in den Umlaufbahnen von Planeten.

159

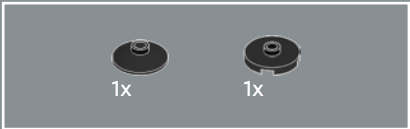
1



2

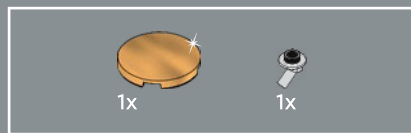




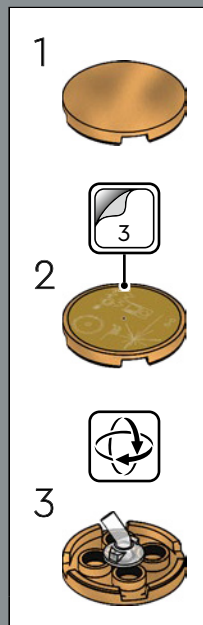


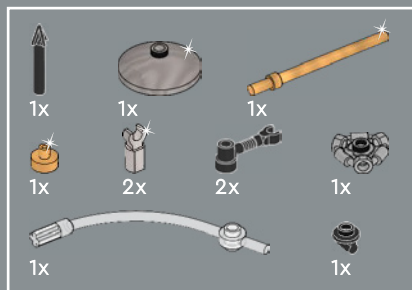
160



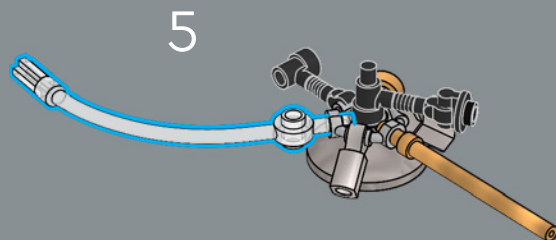
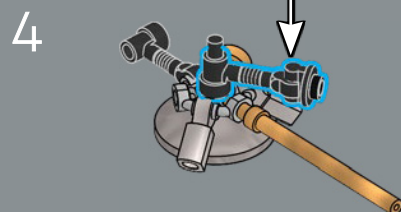
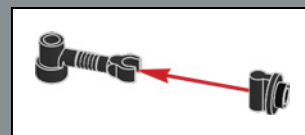
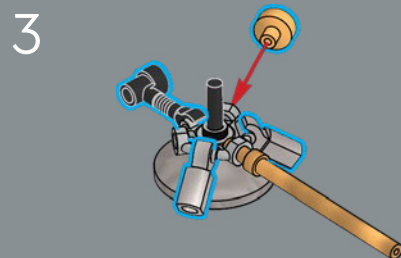
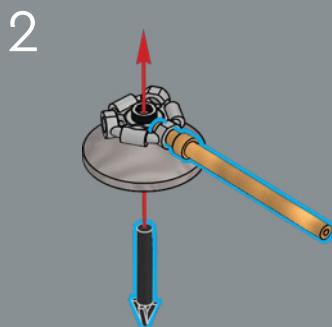
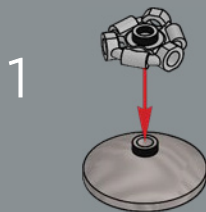


161

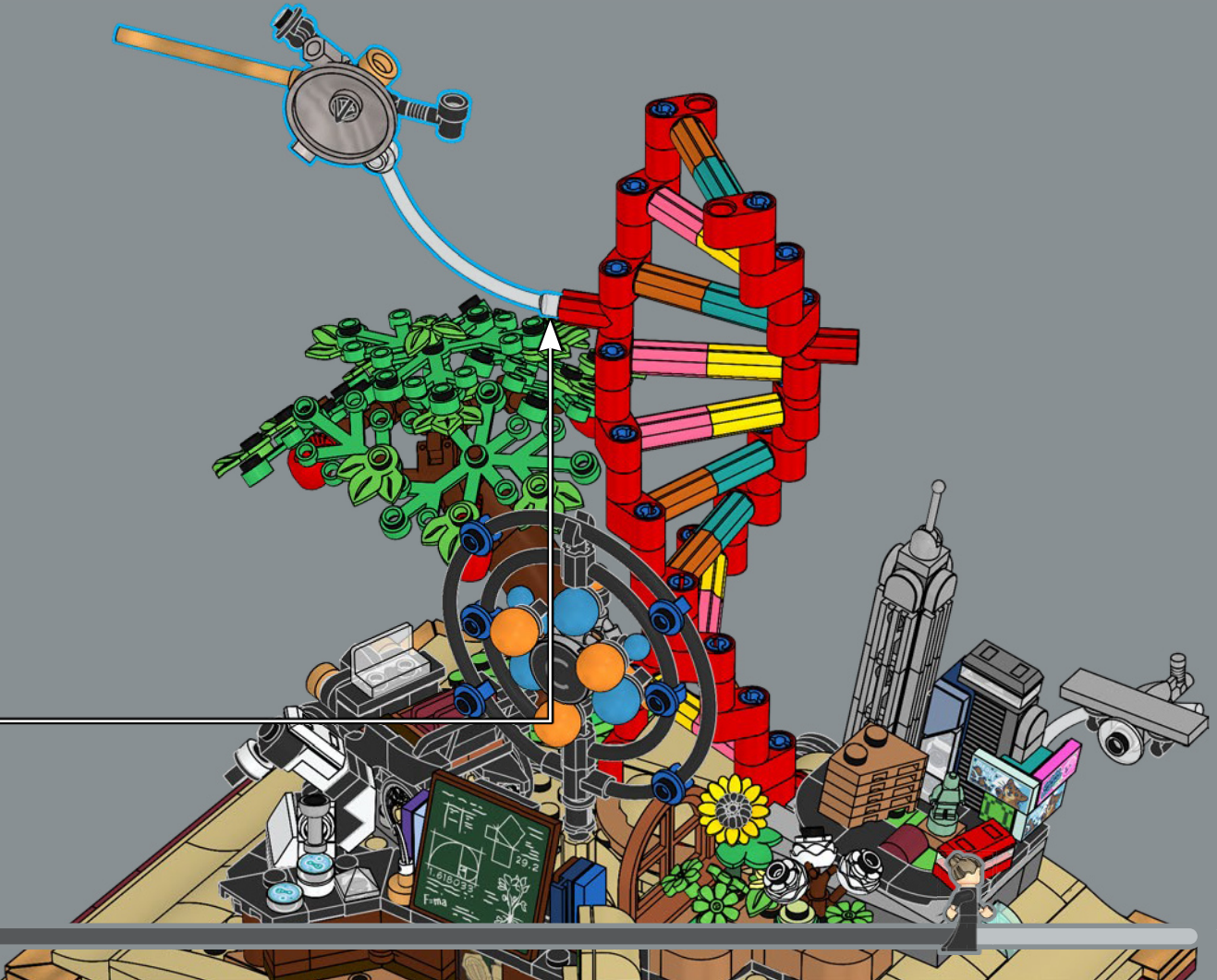




162



Die NASA-Sonde *Voyager 1* ist das von Menschenhand gemachte Objekt, das sich am weitesten von der Erde entfernt hat. Außerdem ist sie das erste Raumfahrzeug, das den interstellaren Raum erreicht hat. Auf der Datenplatte „Golden Records“ an Bord der *Voyager*-Sonde sind Audiogrußbotschaften von der Erde in 55 Sprachen sowie ausgewählte Musikaufnahmen und Geräusche aus der Natur aufgezeichnet.





1x



1x



1x

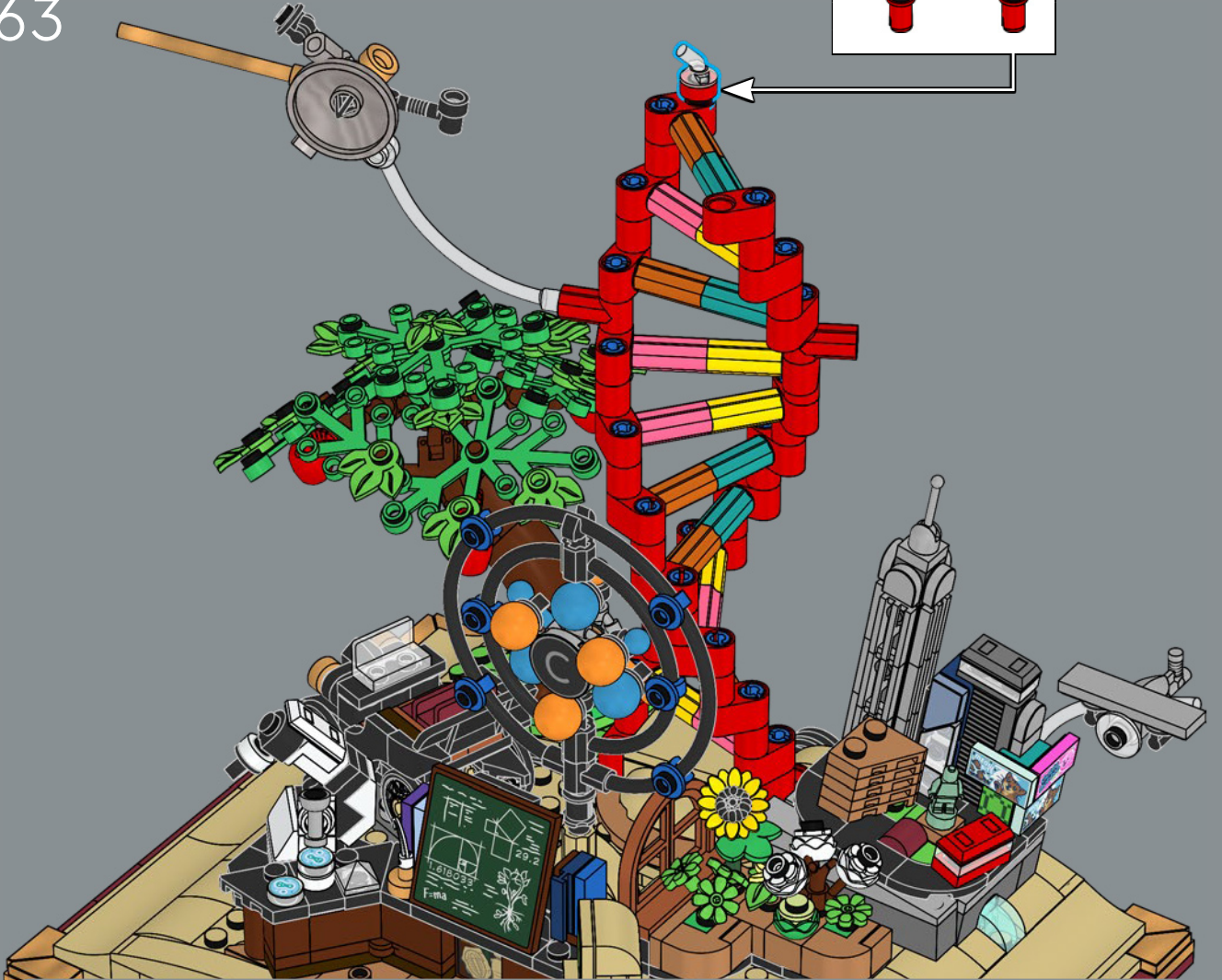
1

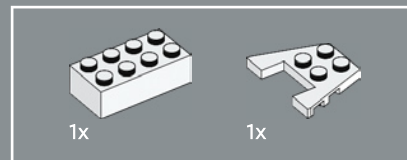
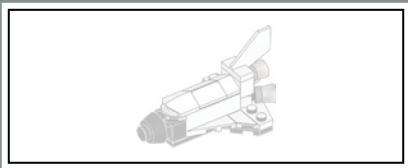


2

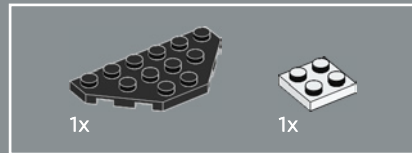
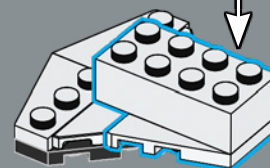
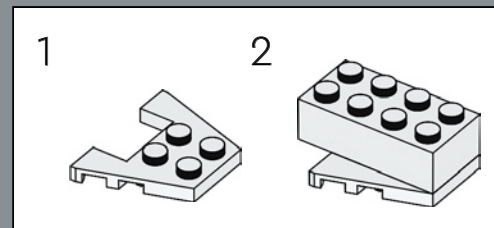


163

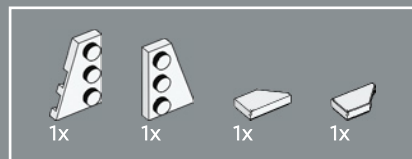
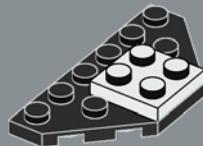




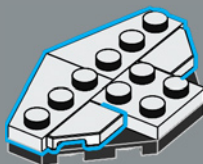
166

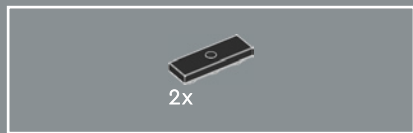


164

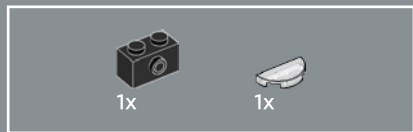
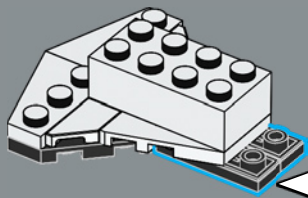


165

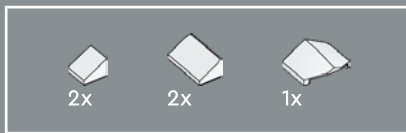
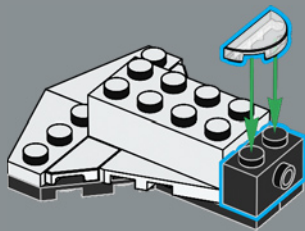




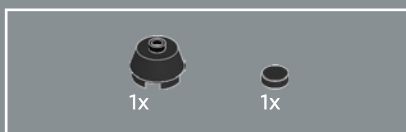
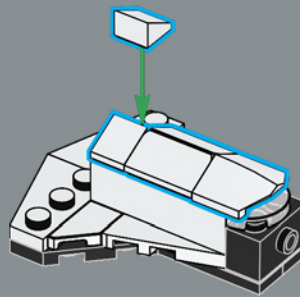
167



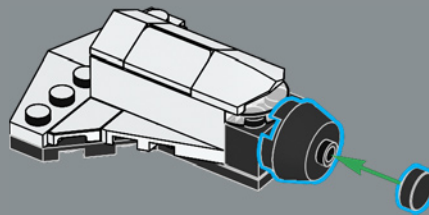
168



169



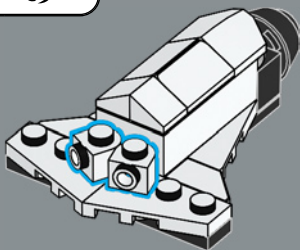
170





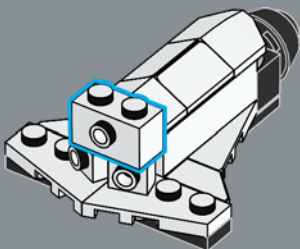
2x

171



1x

172

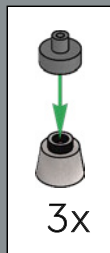


3x

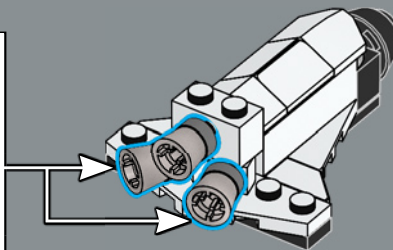


3x

173

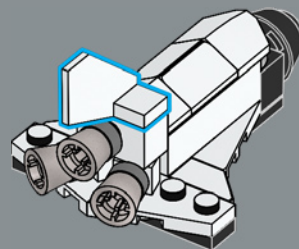


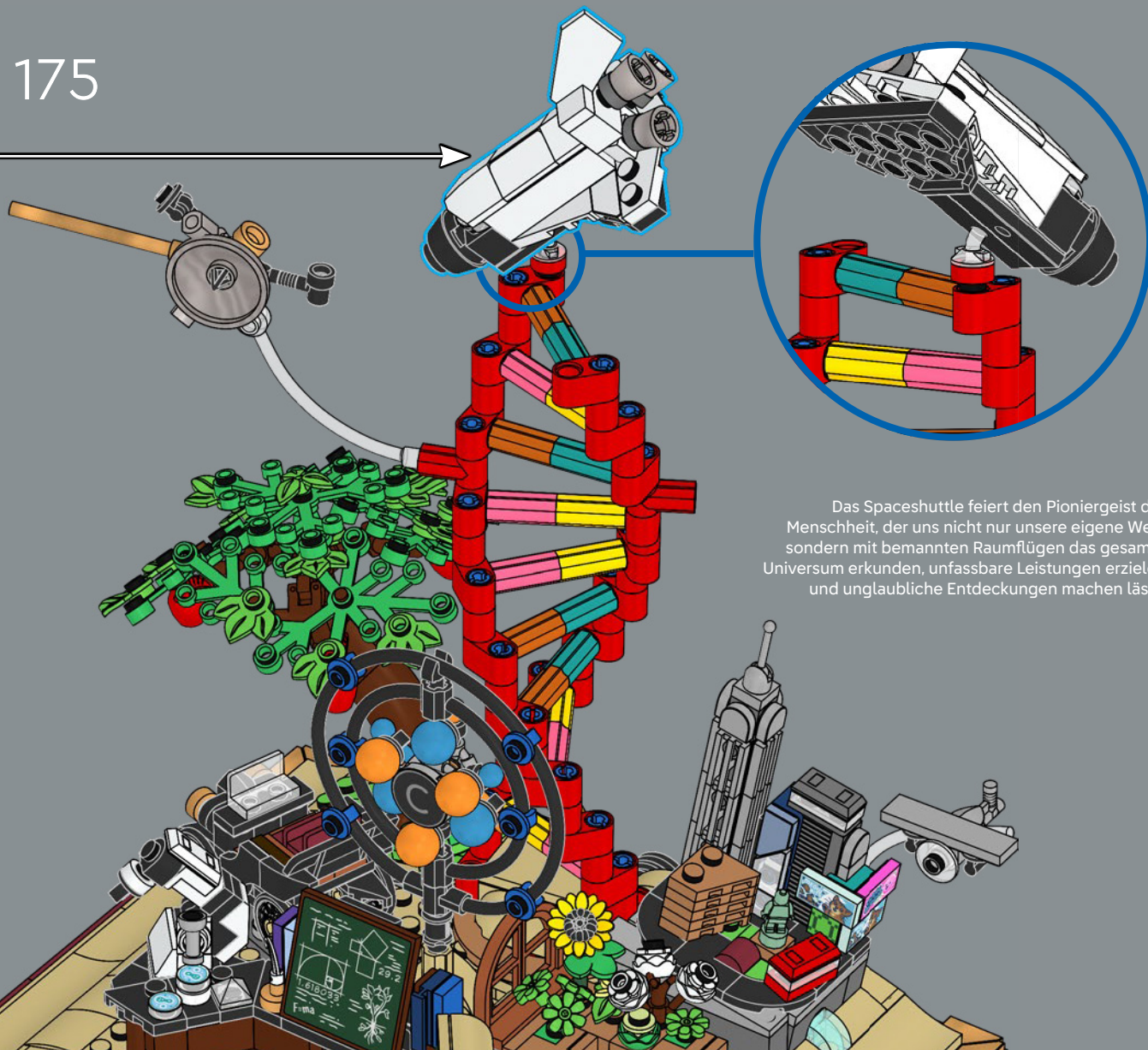
3x



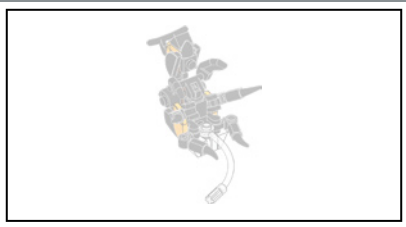
1x

174

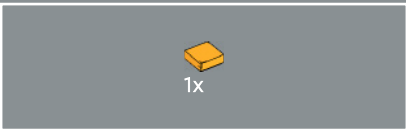




Das Spaceshuttle feiert den Pioniergeist der Menschheit, der uns nicht nur unsere eigene Welt, sondern mit bemannten Raumflügen das gesamte Universum erkunden, unfassbare Leistungen erzielen und unglaubliche Entdeckungen machen lässt.



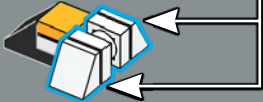
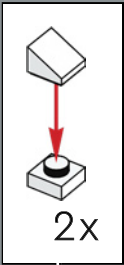
176



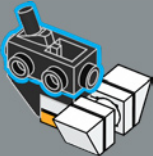
177



178

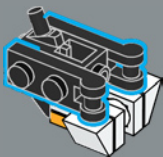


179

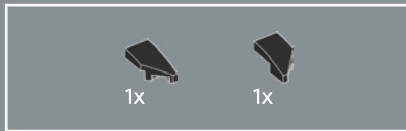
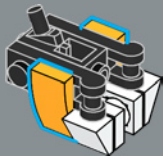




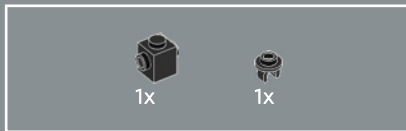
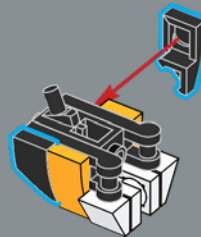
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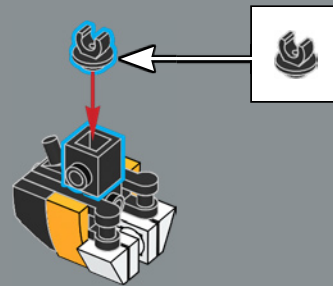
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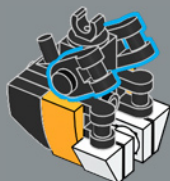


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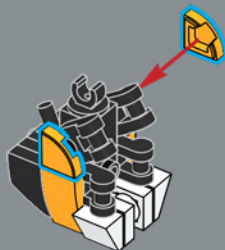




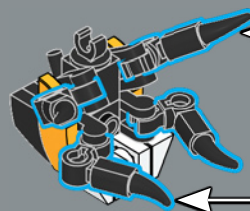
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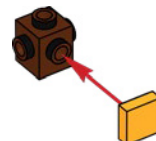
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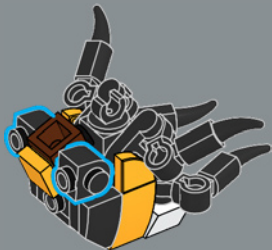


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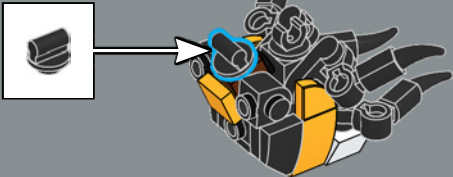




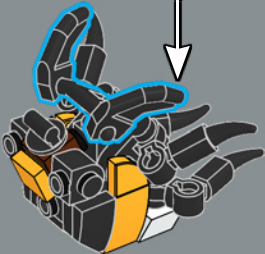
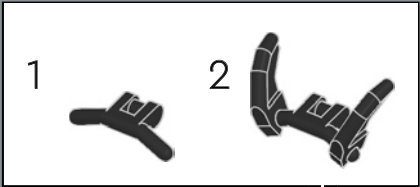
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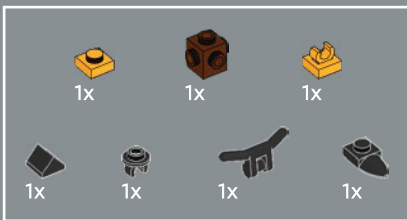


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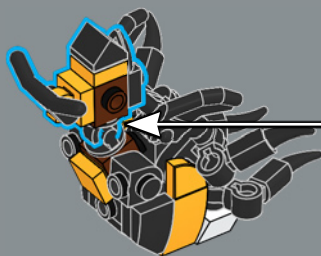
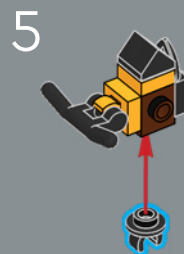
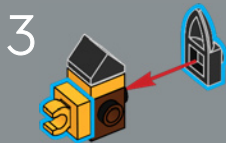
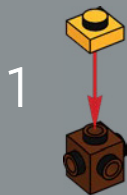


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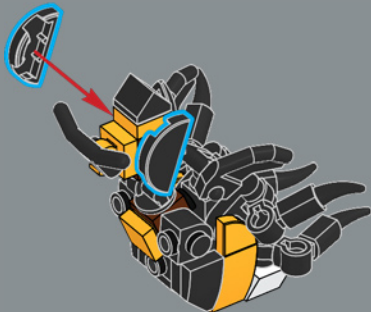


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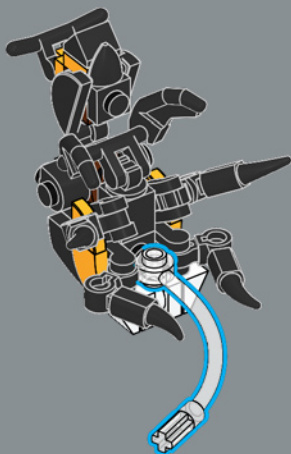
2x

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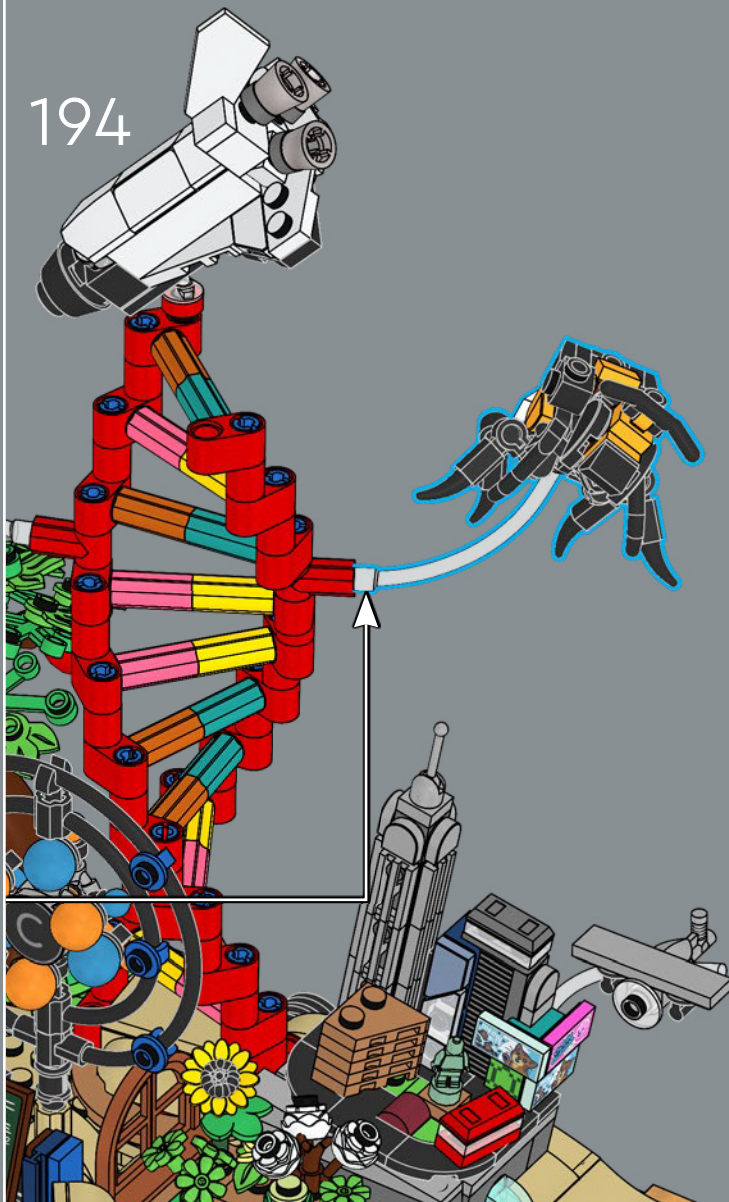


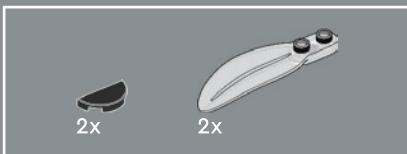
1x

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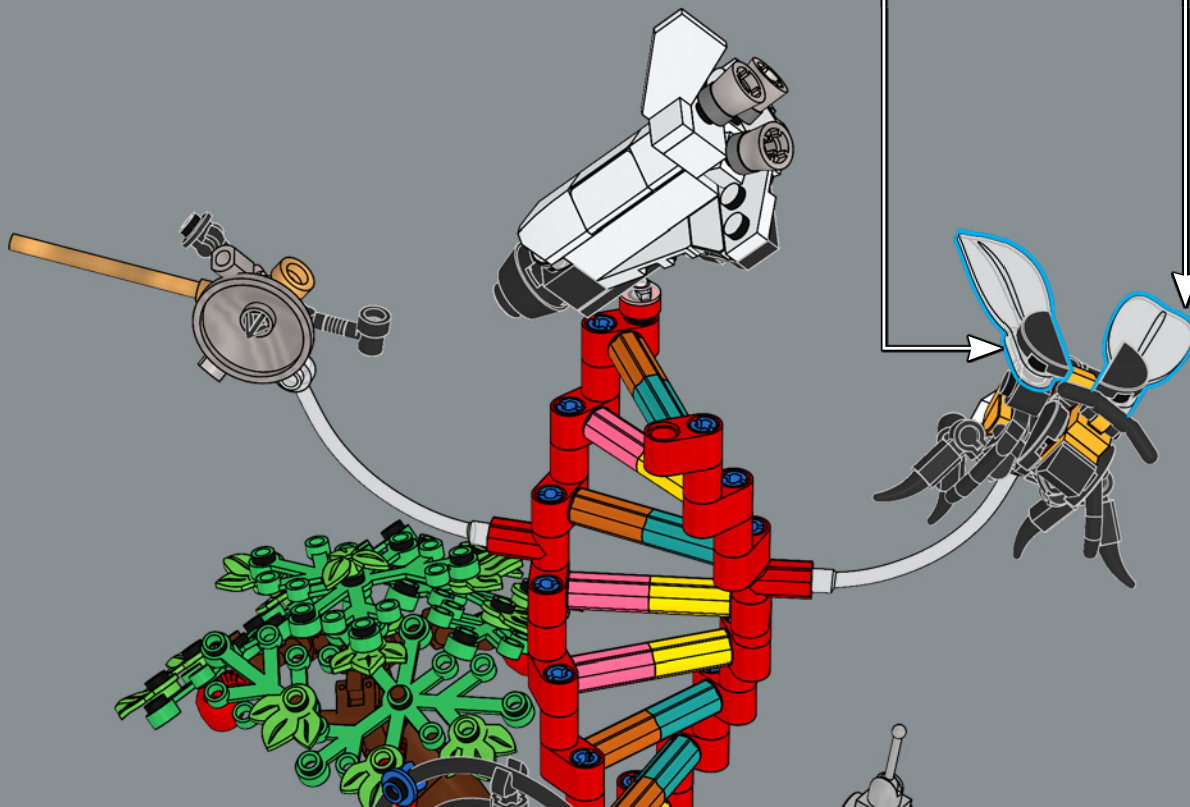
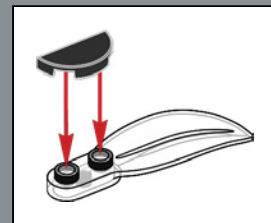
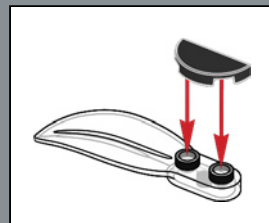
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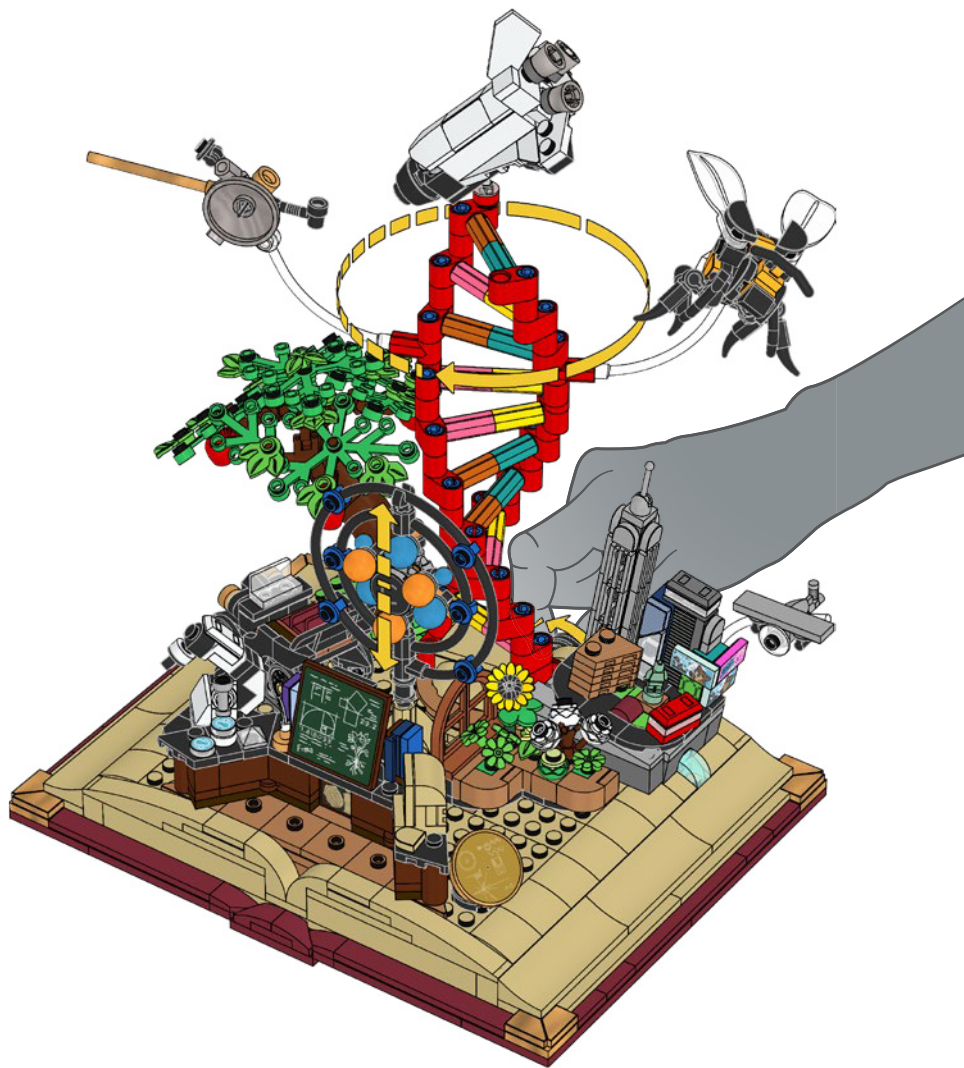




195

Die bescheidene Hummel spielt eine wichtige Rolle bei der Erhaltung eines gesunden globalen Ökosystems und bei der Bewahrung der Artenvielfalt.









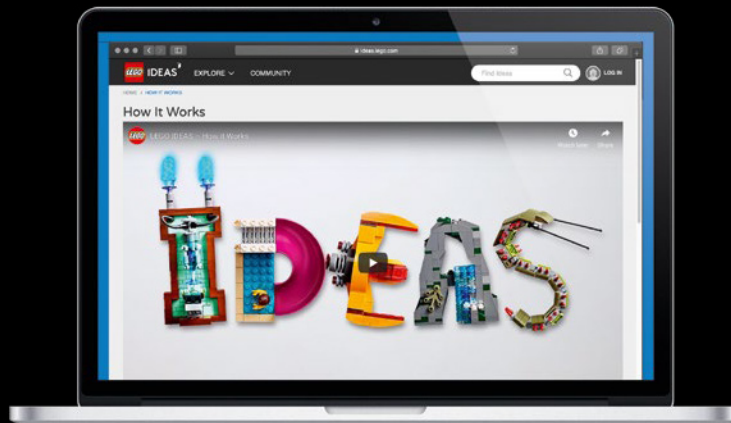
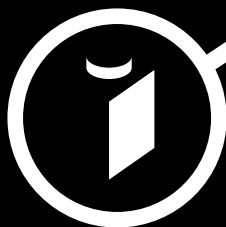
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RECUEILLES DES VOTES
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ÎMPĂRȚĂȘEȘTE IDEEA TA
СПОДЕЛЁТЕ ИДЕИТЕ СИ
PARĀDI SAVU IDEJU
JAGA OMA IDEED
PASIDALINK SAVO IDĖJA

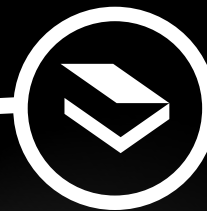


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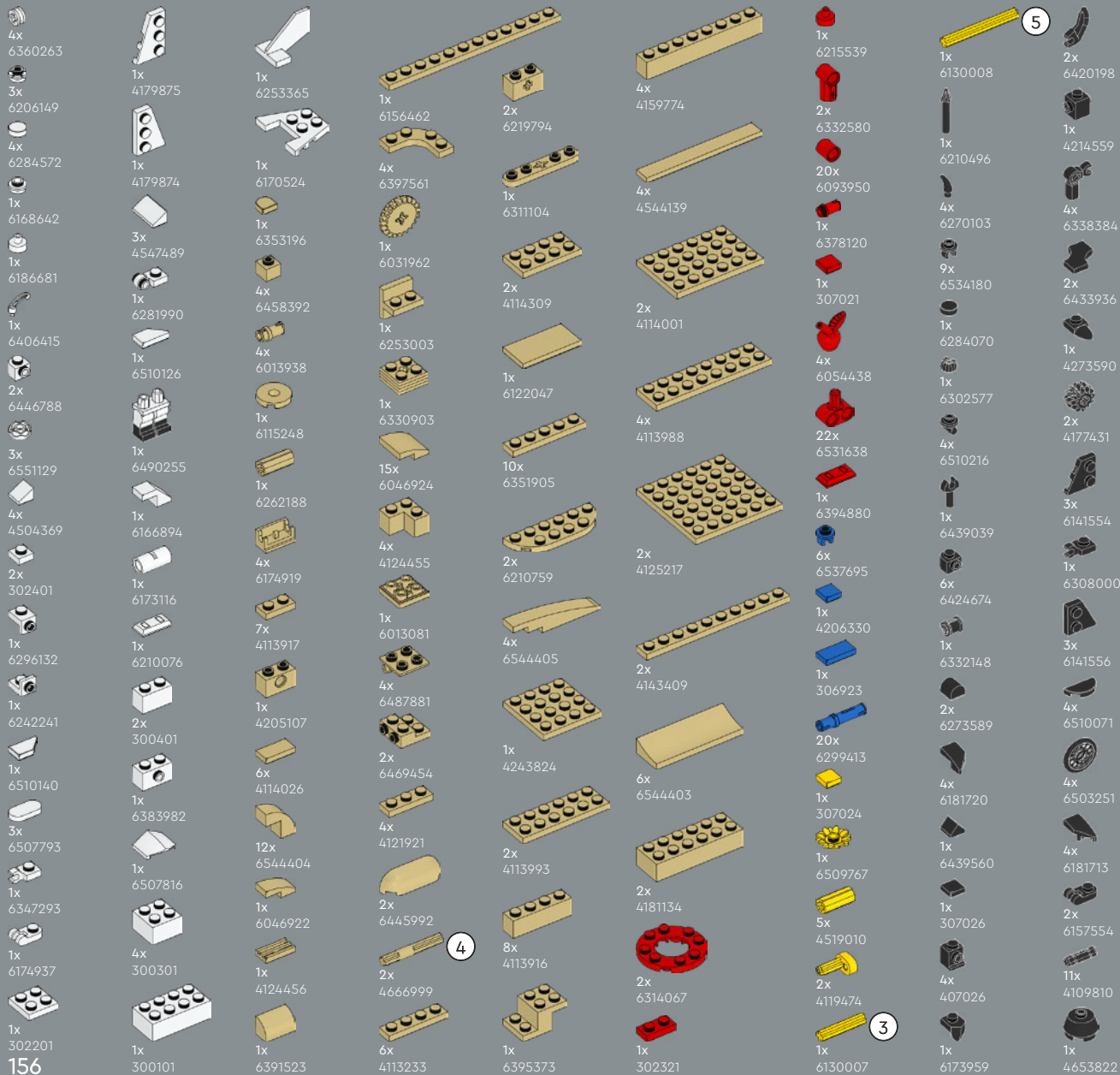
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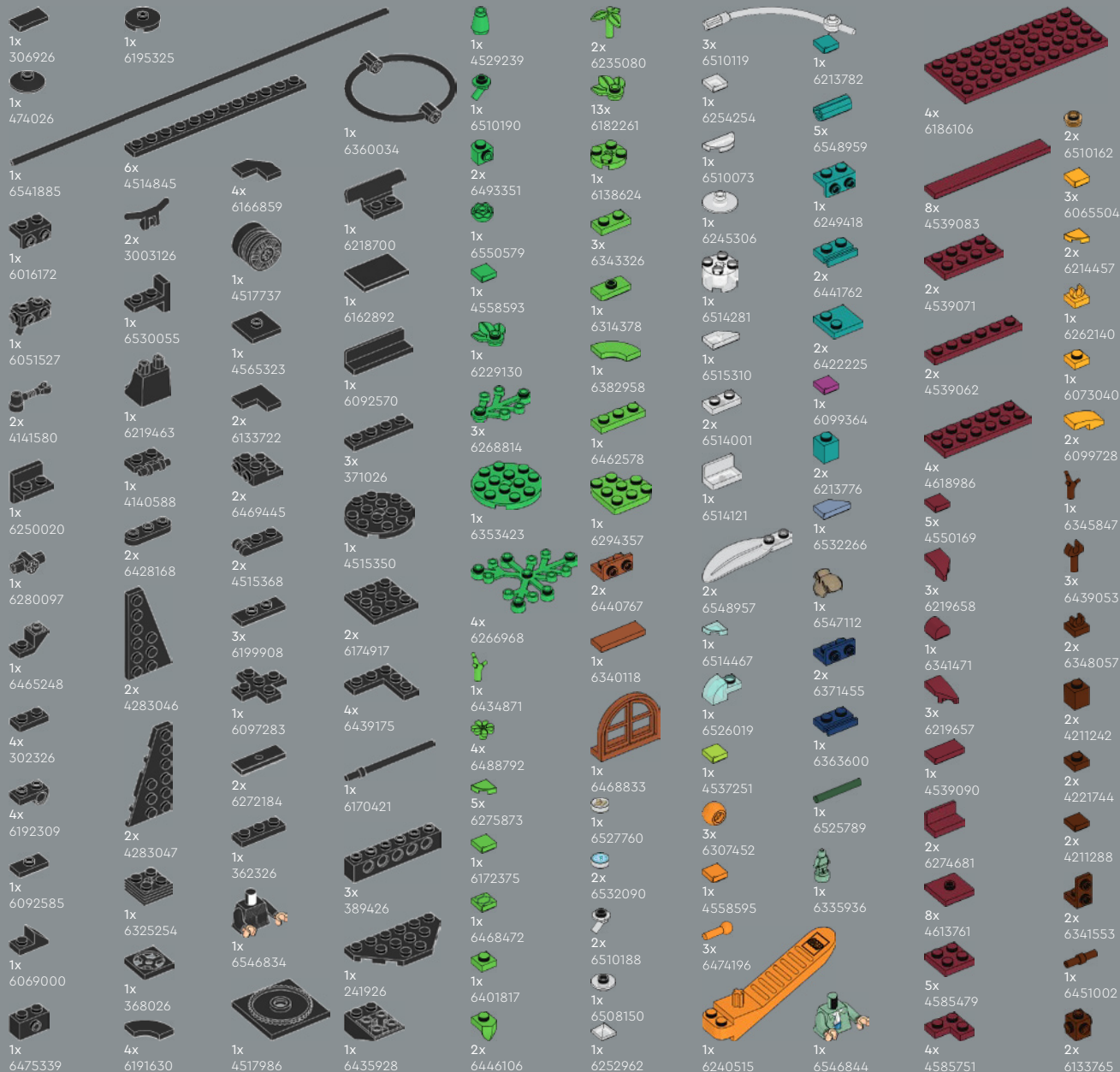
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