

Calliope Erweiterungsset

Grundschule



Bauanleitung



■ fischertechnik + Calliope: Wichtige Hinweise!

Die Modelle dieses Baukastens lassen sich mit dem Calliope Board ansteuern und mit einer der Programmierumgebungen programmieren, die für das Calliope Board erhältlich sind (z. B. Open Roberta).

Das Calliope Board und die Software sind nicht Inhalt dieses Baukastens!



**Das Set ist auch mit dem Calliope mini 3 verwendbar.
Zusatzinformationen siehe elearning**

Das fischertechnik eLearning bietet didaktisches Begleitmaterial zur Inbetriebnahme der fischertechnik Modelle zusammen mit dem Calliope Board, erste Schritte bei der Programmierung, Aufgabenstellungen und Lösungen für jedes Modell zusammen mit der Programmierumgebung Open Roberta.

<https://www.fischertechnik.de/elearning-calliope>

weitere Links:

Calliope Board:

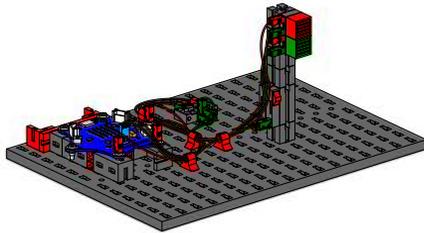
www.calliope.cc

Programmierumgebung Open Roberta:

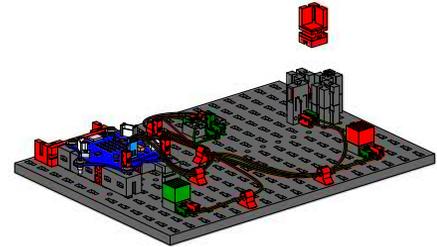
www.open-roberta.org

Inhalt

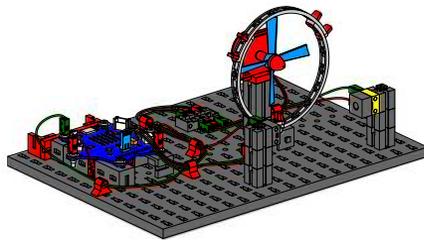
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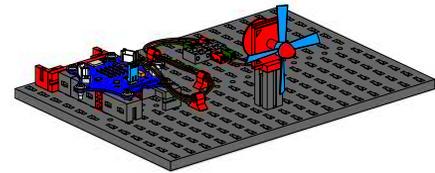
Fußgängerrampel.....8



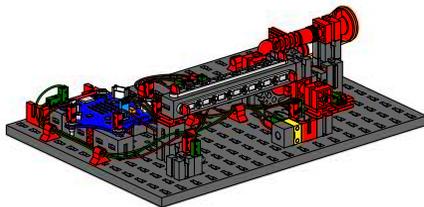
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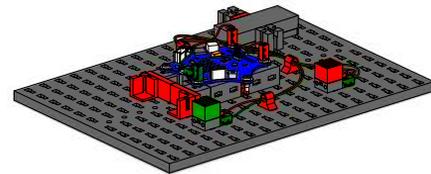
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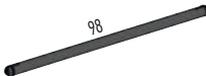
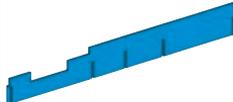
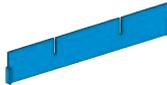
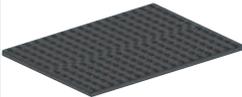


Schranke.....25



Wasserwaage.....33

Einzelteilübersicht

| | | | | | | | |
|--|---------------|--|---------------|---|---------------|--|---------------|
|  | 31 023 1 x |  | 32 879 1 x |  | 35 414 1 x |  | 36 356 2 x |
|  | 31 032 1 x |  | 32 881 5 x |  | 35 969 7 x |  | 36 357 2 x |
|  | 31 058 2 x |  | 32 882 2 x |  | 36 134 1 x |  | 36 360 1 x |
|  | 31 124 1 x |  | 32 985 1 x |  | 36 264 1 x |  | 36 532 1 x |
|  | 31 602 1 x |  | 35 031 2 x |  | 36 293 1 x |  | 36 920 4 x |
|  | 31 915 1 x |  | 35 049 3 x |  | 36 323 4 x |  | 36 950 3 x |
|  | 31 982 2 x |  | 35 079 1 x |  | 36 324 1 x |  | 36 977 4 x |
|  | 32 064 4 x |  | 35 084 1 x |  | 36 337 1 x |  | 36 981 1 x |

| | | | | | | | |
|---|---------------|---|----------------|--|----------------|---|-----------------|
|  | 37 237 3 x |  | 37 858 1 x |  | 153 670 3 x |  | 167 259 6 x |
|  | 37 468 8 x |  | 38 216 2 x |  | 156 494 1 x |  | 181583 10 x |
|  | 37 679 1 x |  | 38 240 3 x |  | 162 135 2 x |  | 181 584 11 x |
|  | 37 681 1 x |  | 136 775 1 x |  | 167 257 1 x | | |
|  | 37 783 2 x |  | 137 125 1 x |  | 167 258 6 x | | |

Das Calliope Board und die Software sind nicht Inhalt dieses Baukastens!

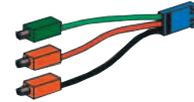
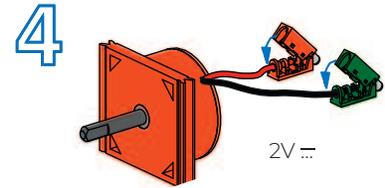
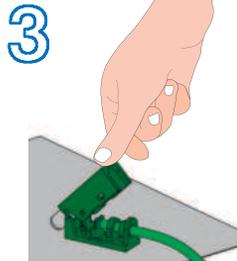
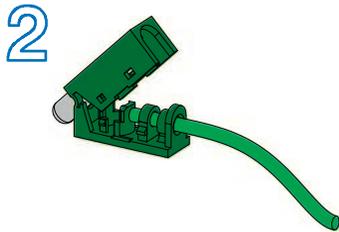


Sicherheitshinweise

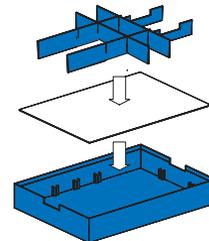
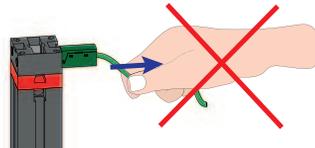
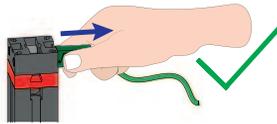
- Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.

Montagetipps

Kabel und Stecker

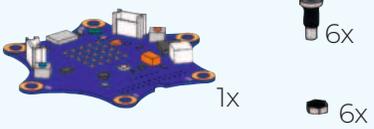


Nicht am Kabel ziehen



Basismodell

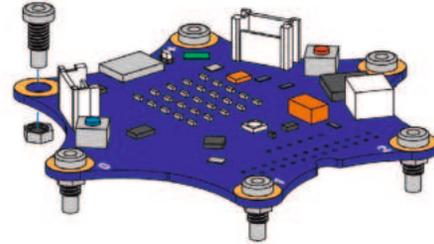
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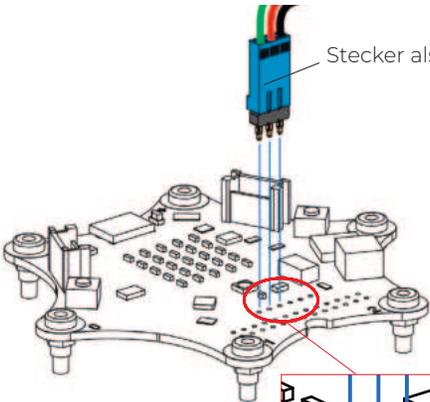
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6x

6x



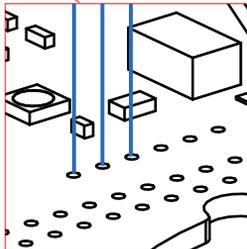
Stecker als Hilfsmittel verwenden



2



1x

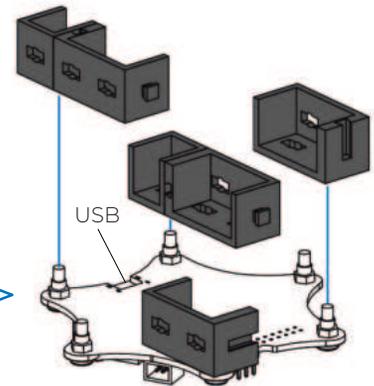


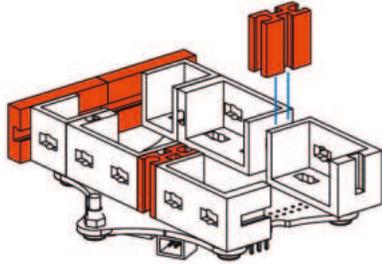
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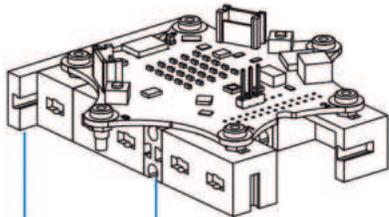
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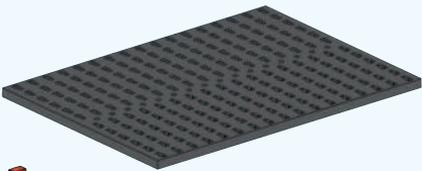
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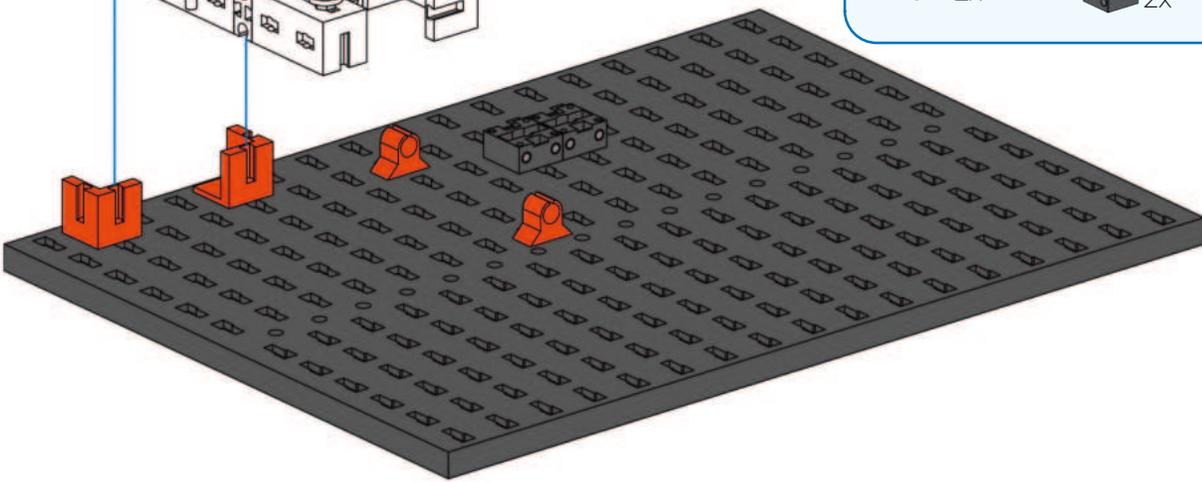


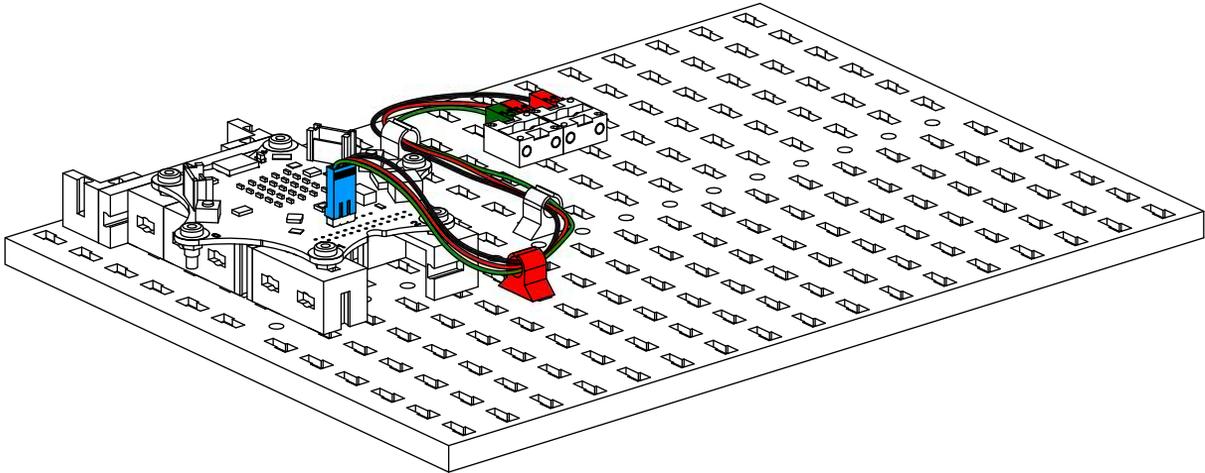
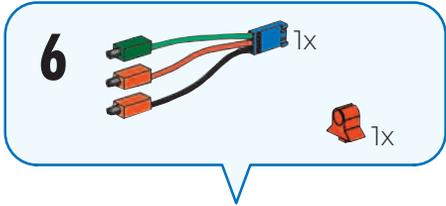


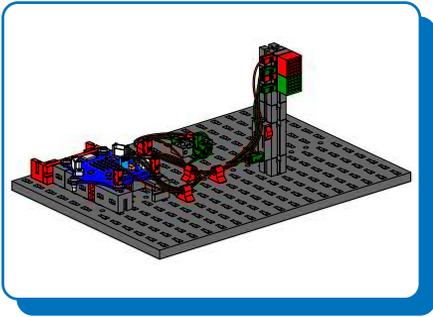
4  2x  2x



5  1x
 2x  2x  2x







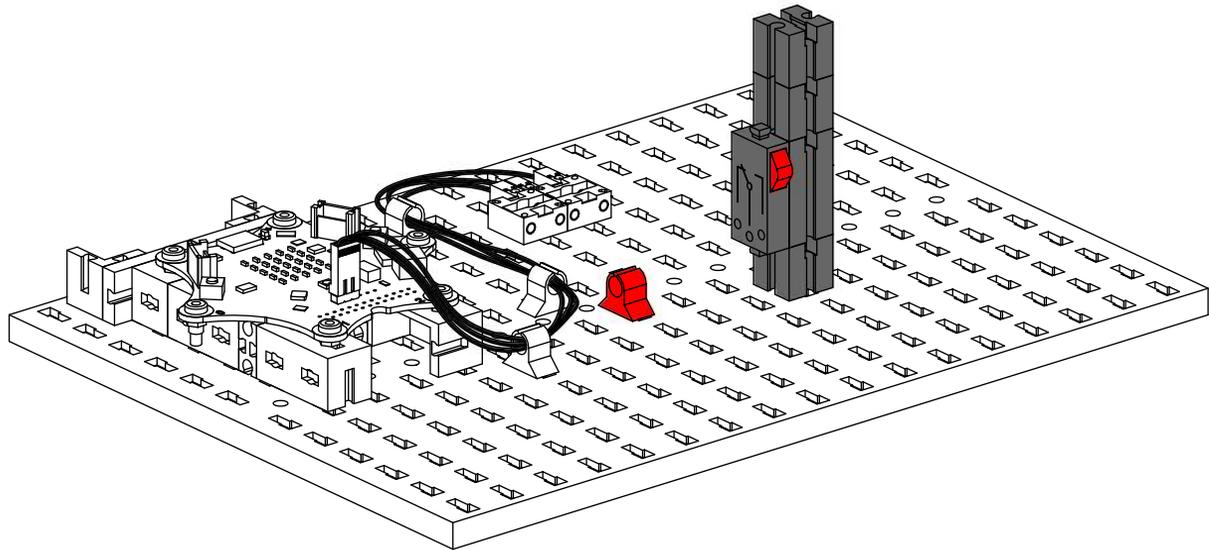
Fußgängerampel

1-6

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7

| | | | |
|---|----|---|----|
|  | 1x |  | 3x |
|  | 1x |  | 1x |



8

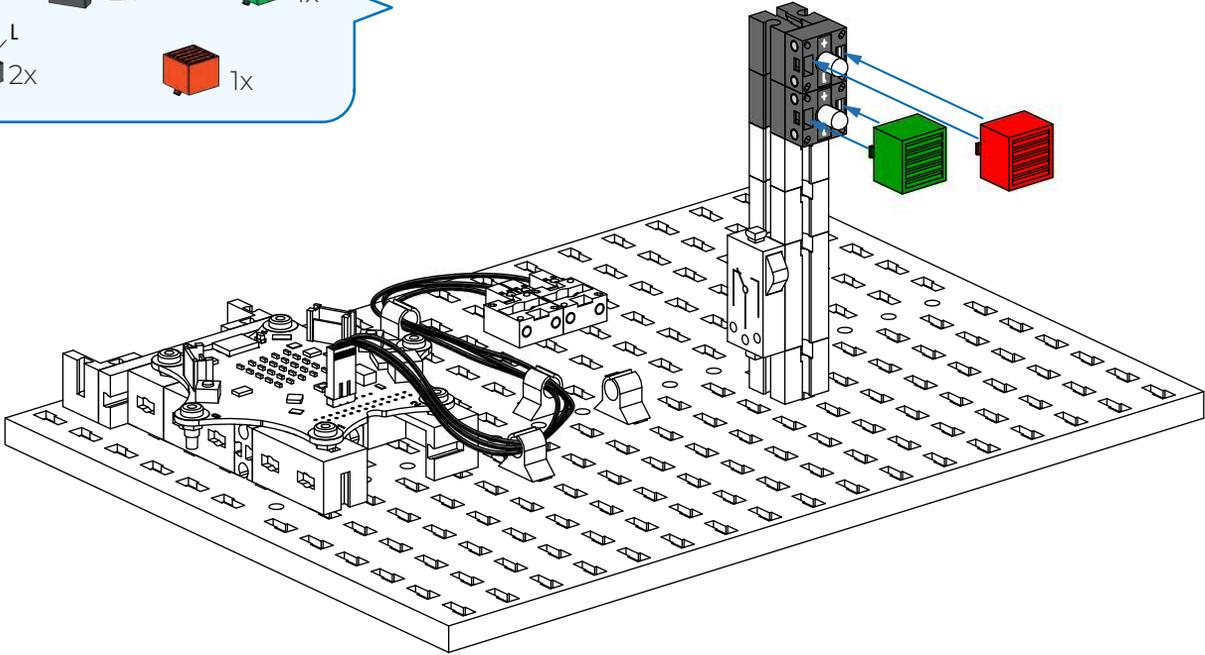
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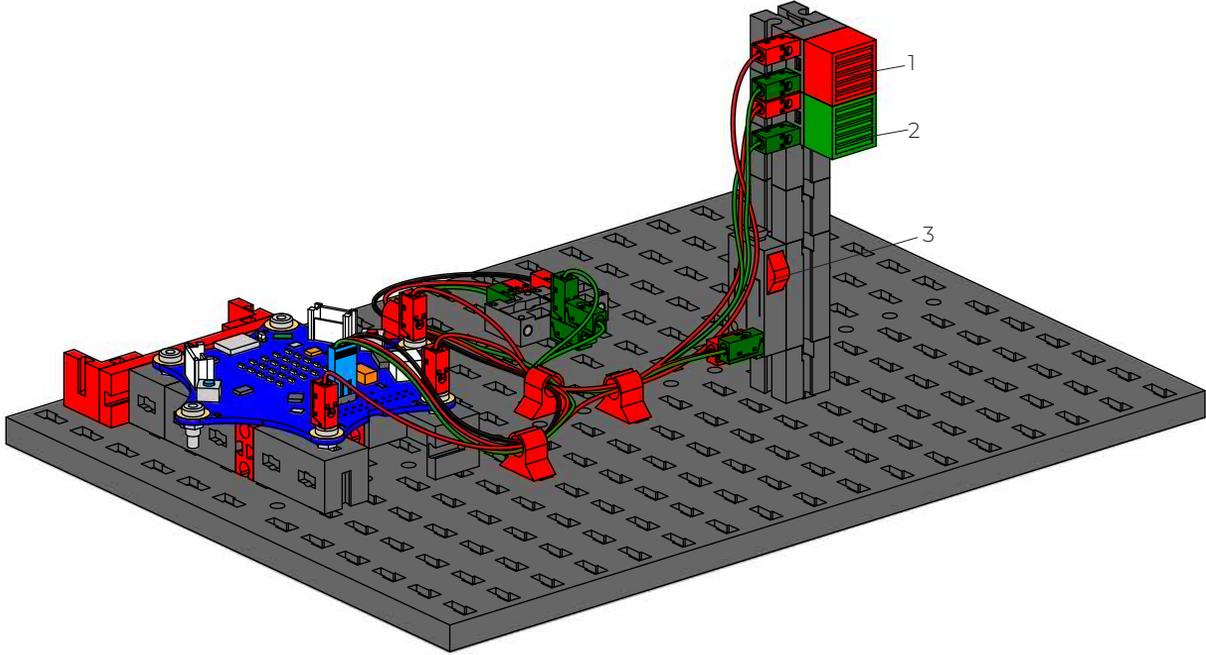
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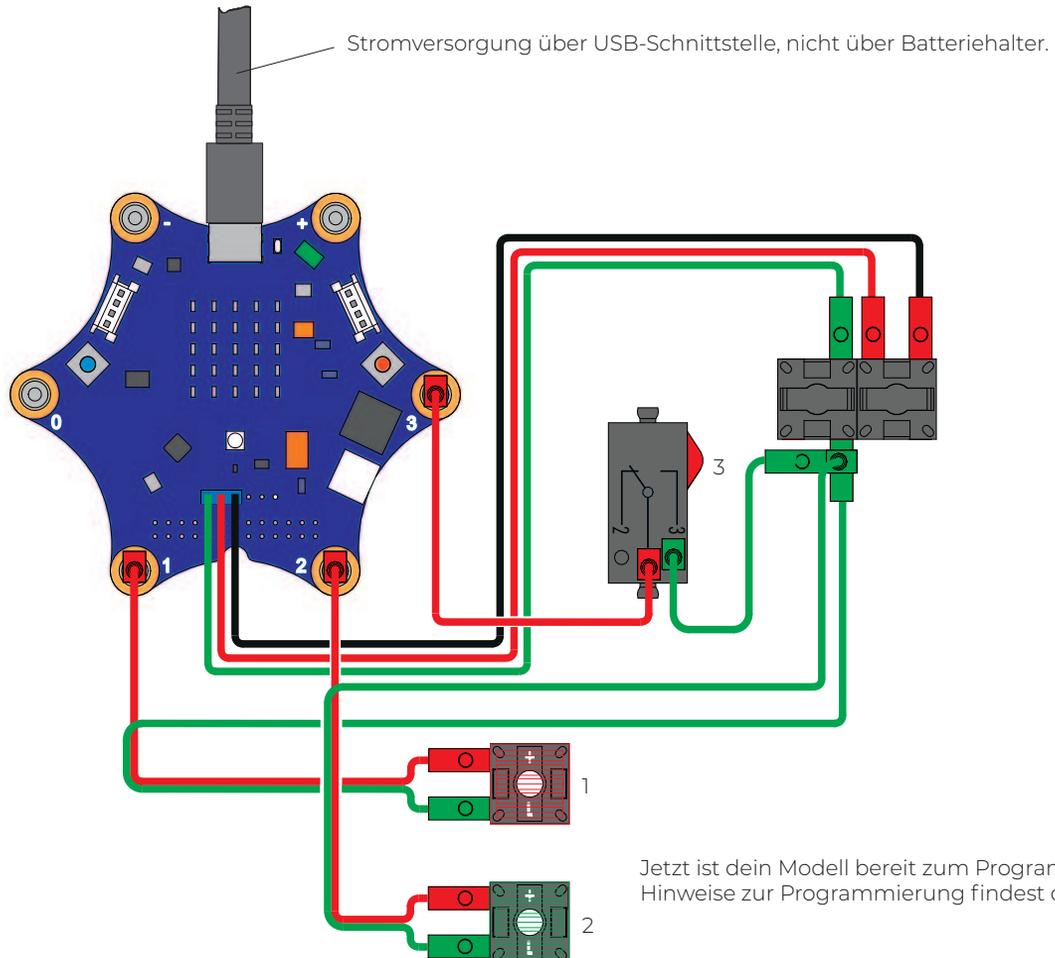
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Schaltplan

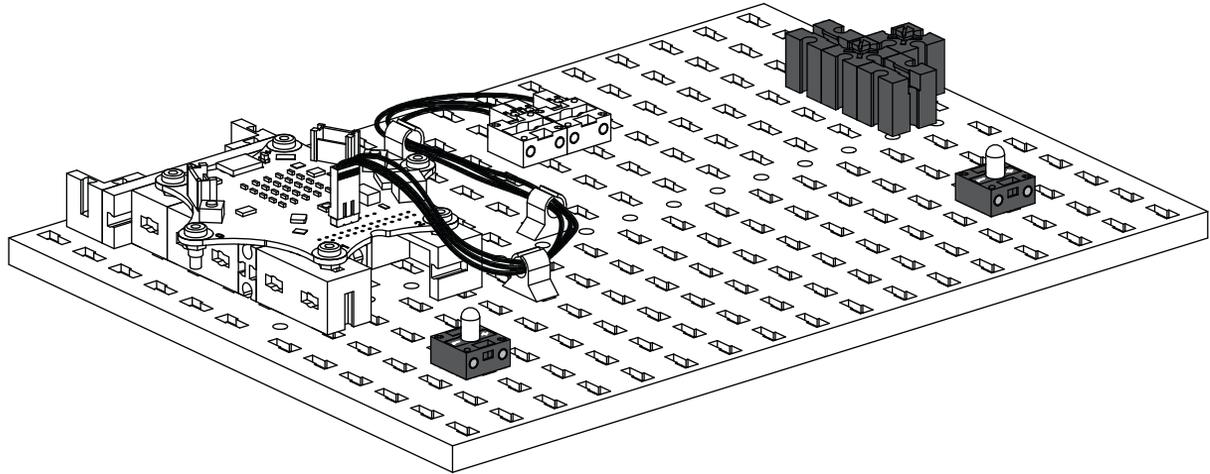
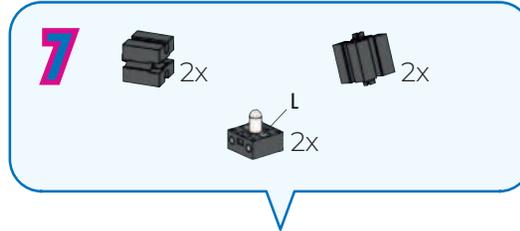


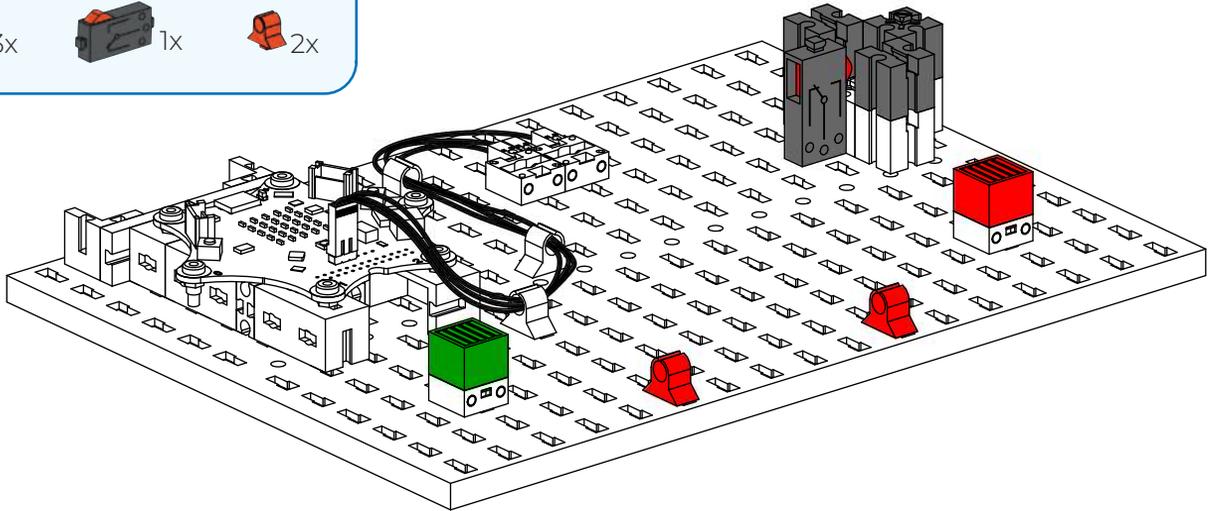
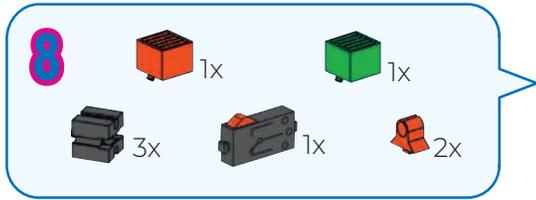


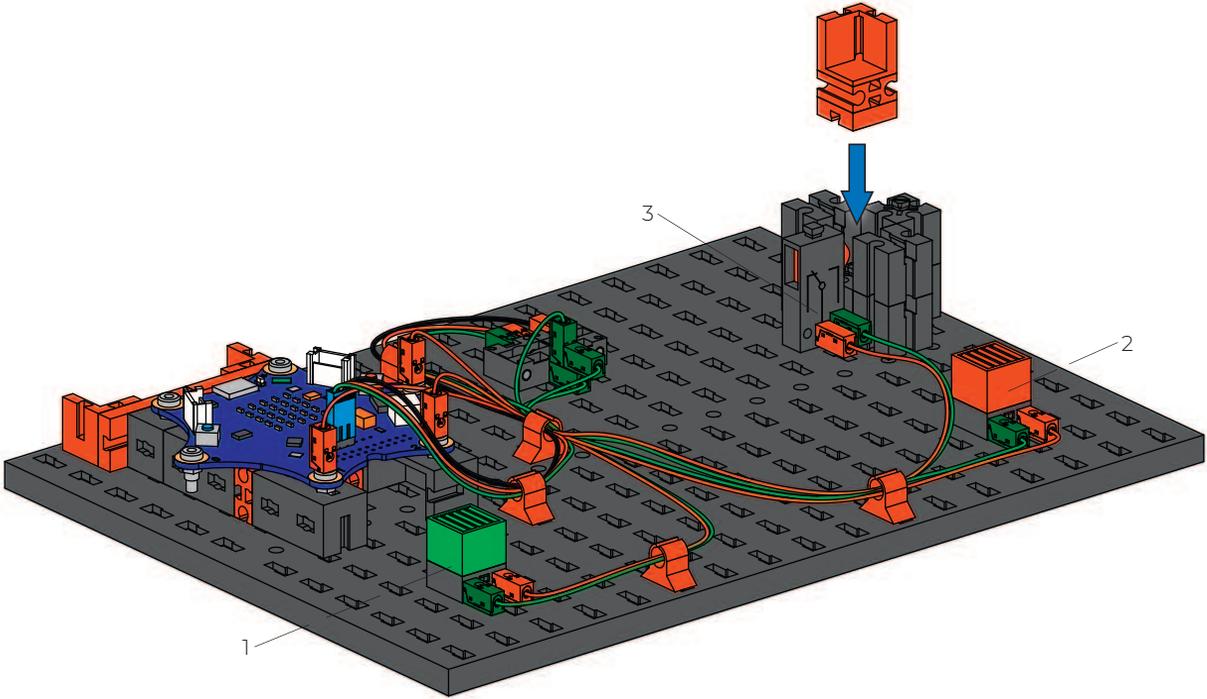
Alarmanlage

1-6

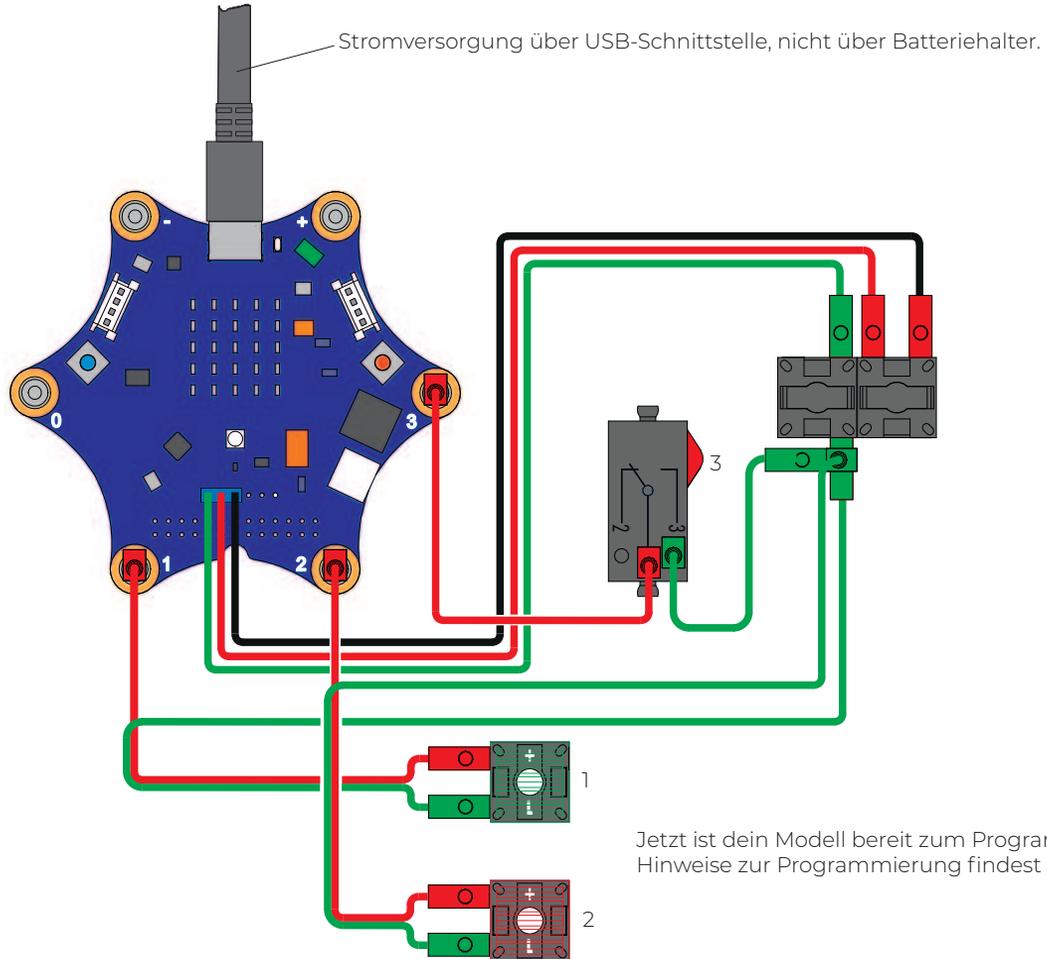
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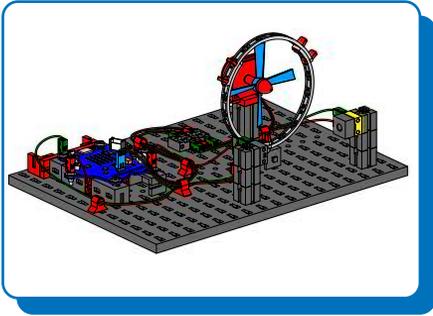






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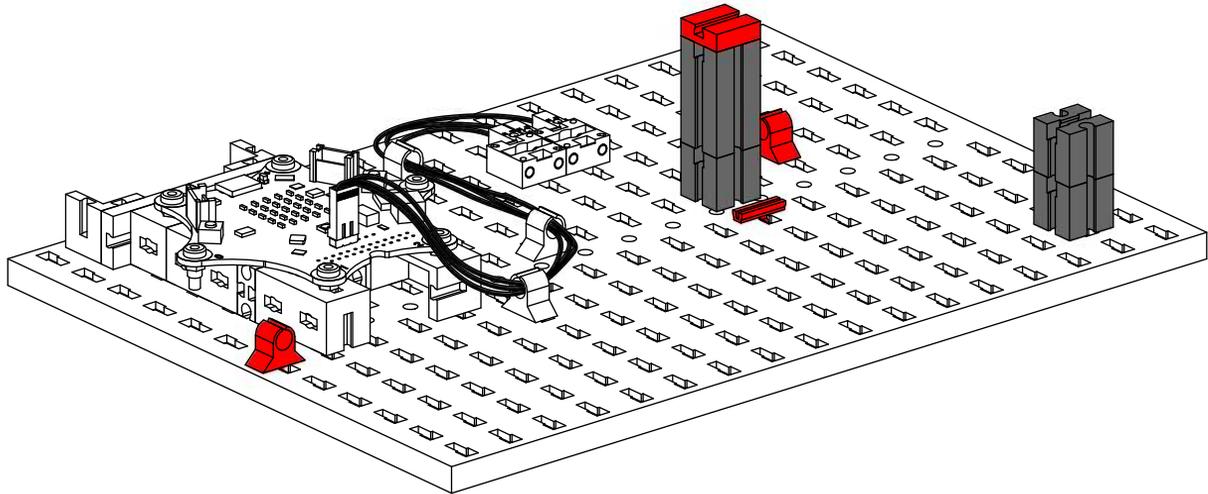
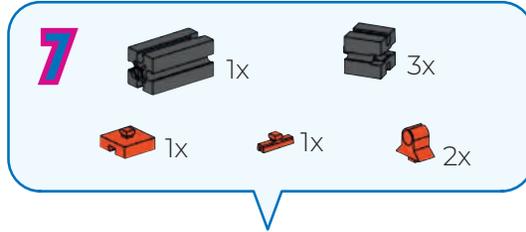


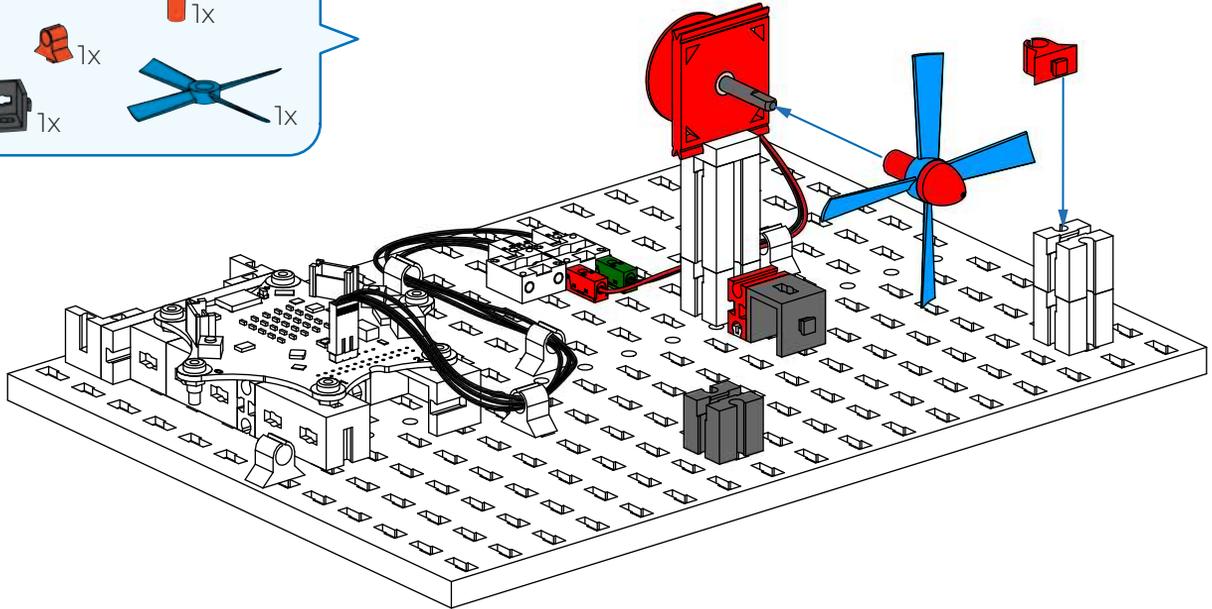
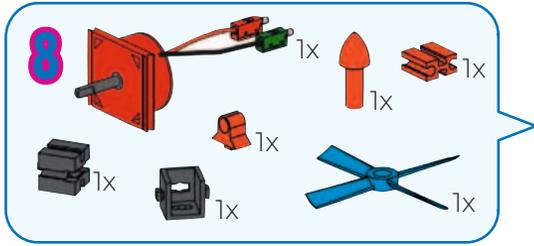


Händetrockner

1-6

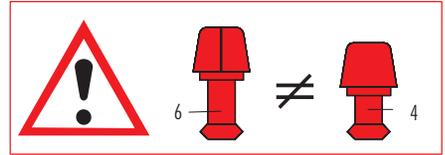
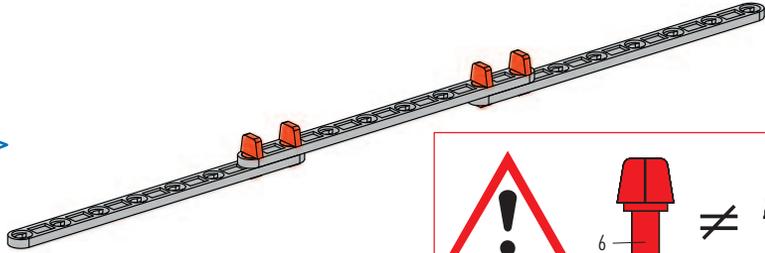
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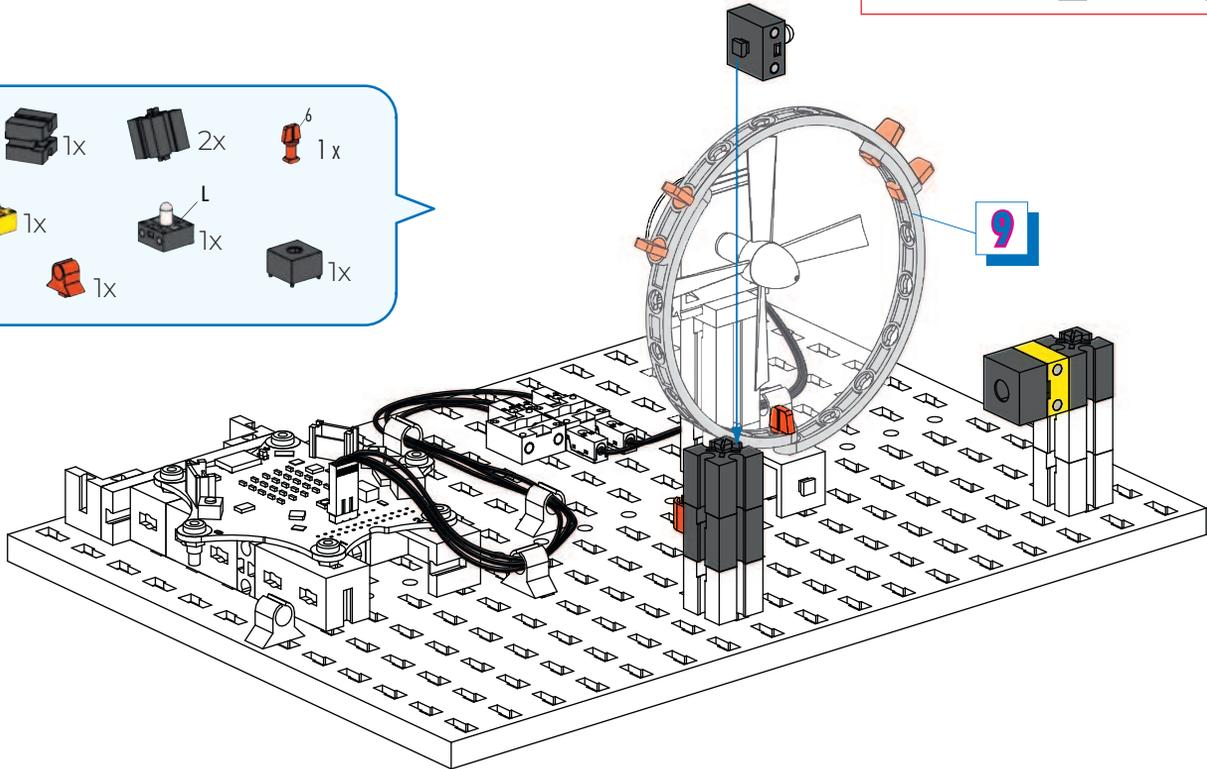
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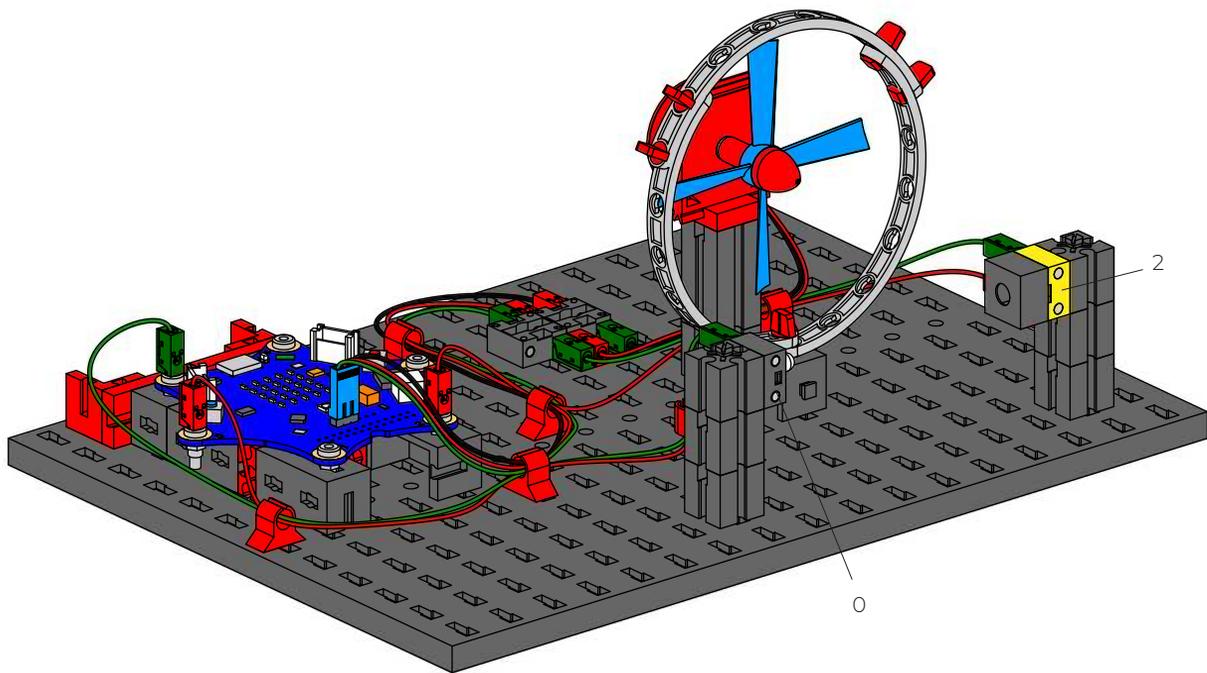
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4 4x



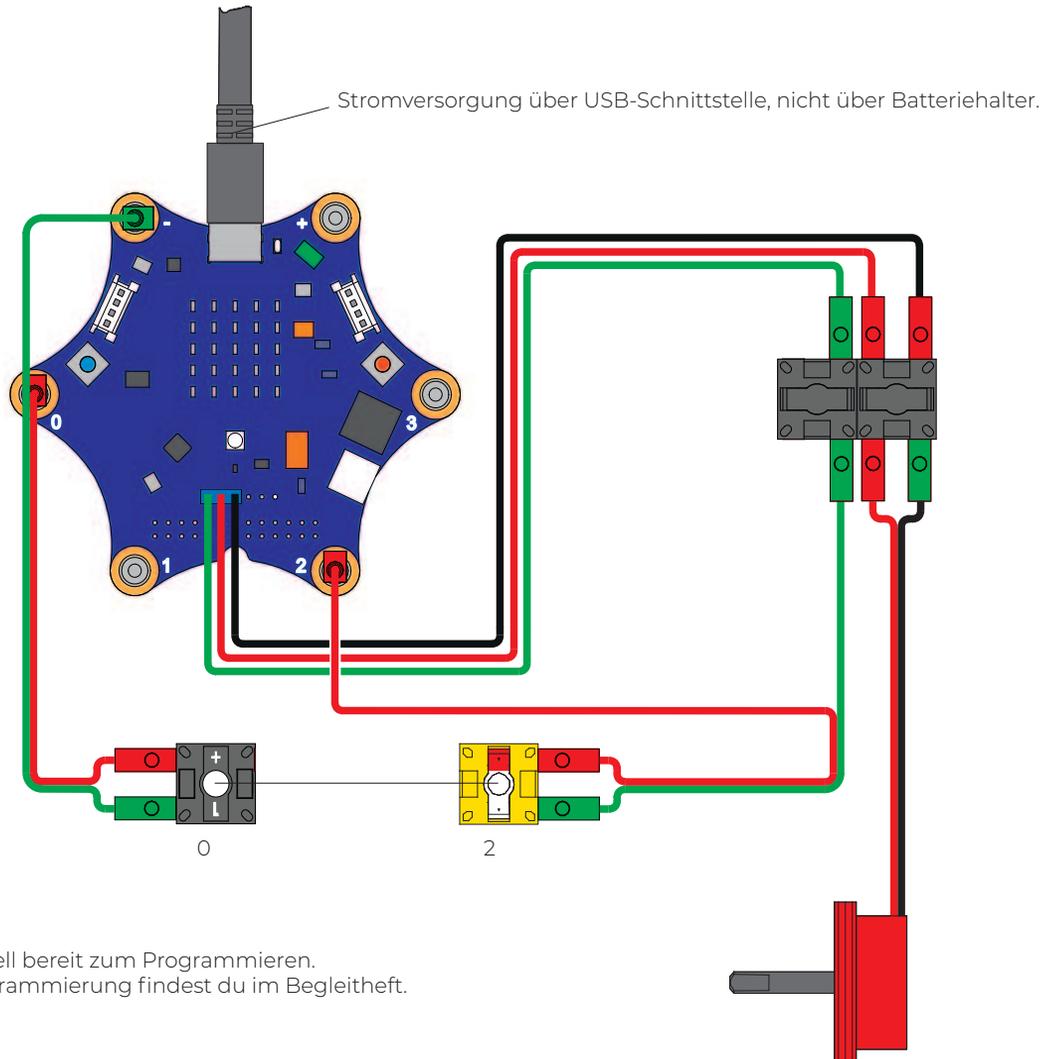
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1x 2x 6 1x
1x L 1x 1x
1x

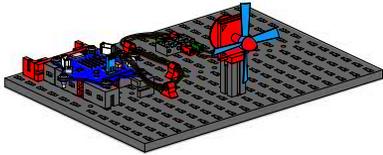




Schaltplan



Ventilator



1-6

Seite 5

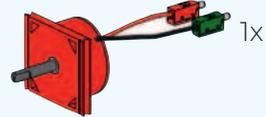
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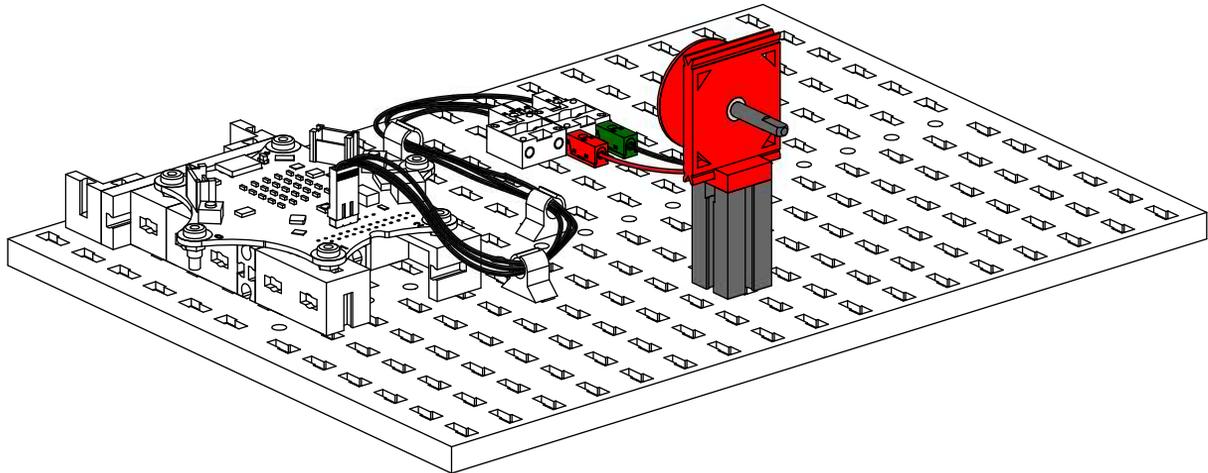
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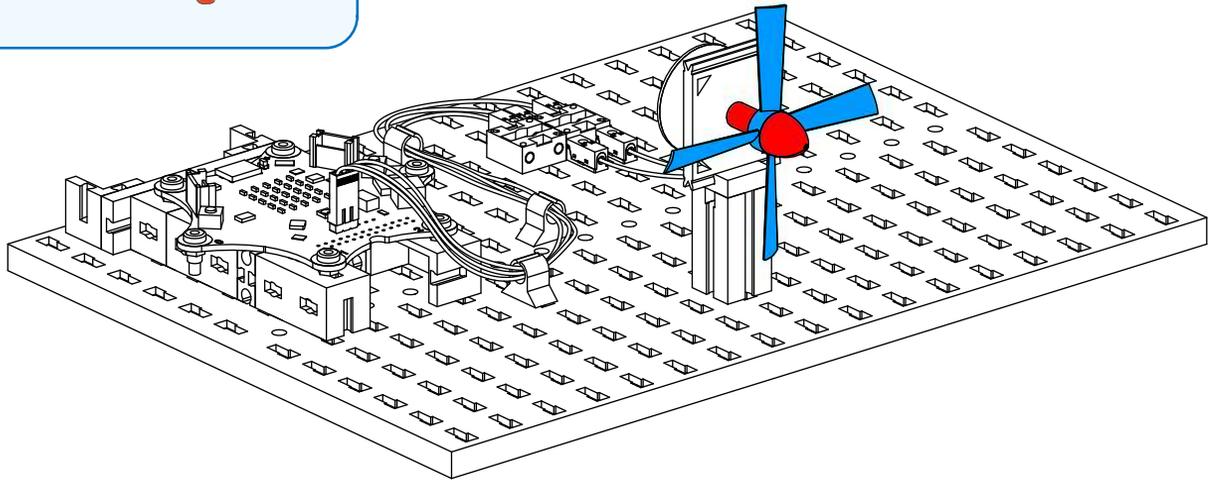
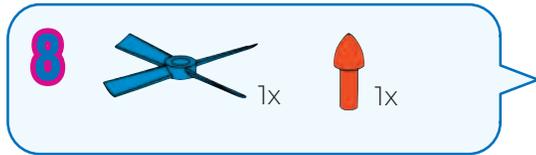


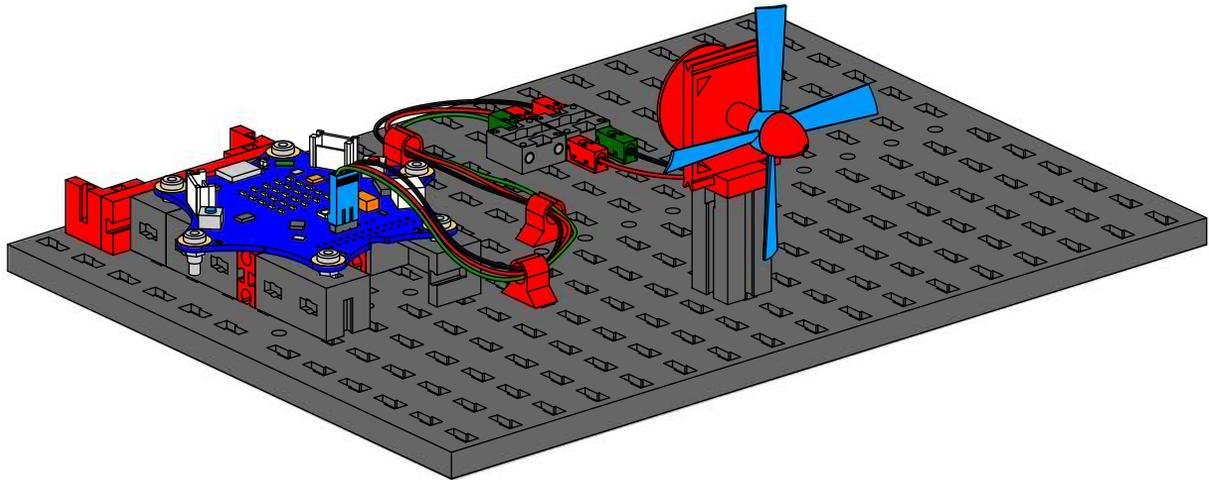
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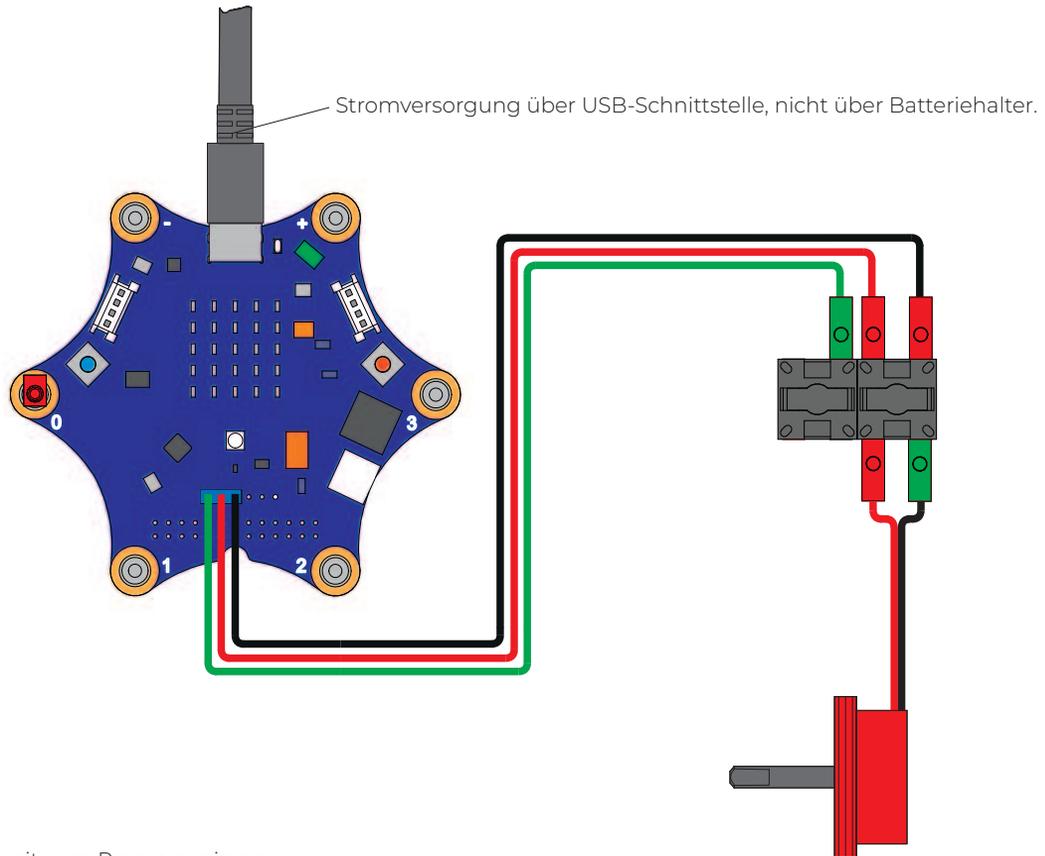
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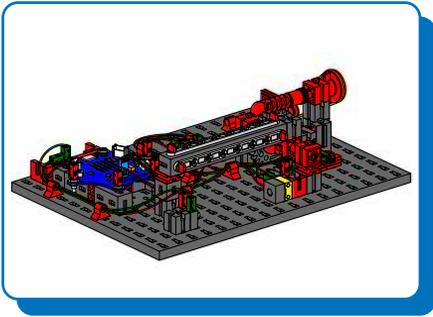




Schaltplan



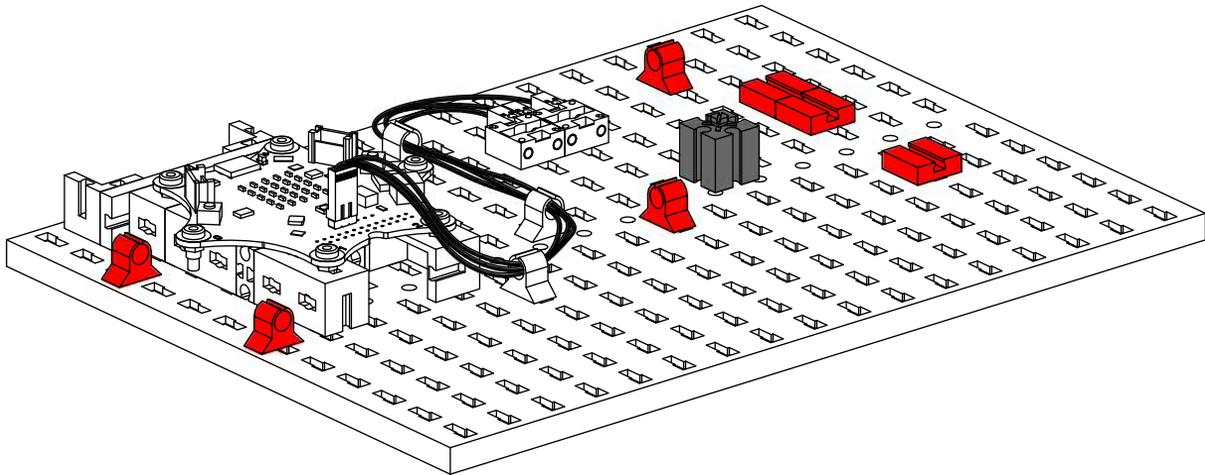
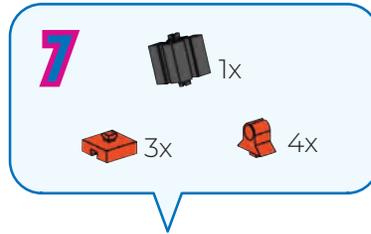
Jetzt ist dein Modell bereit zum Programmieren.
Hinweise zur Programmierung findest du im Begleitheft.

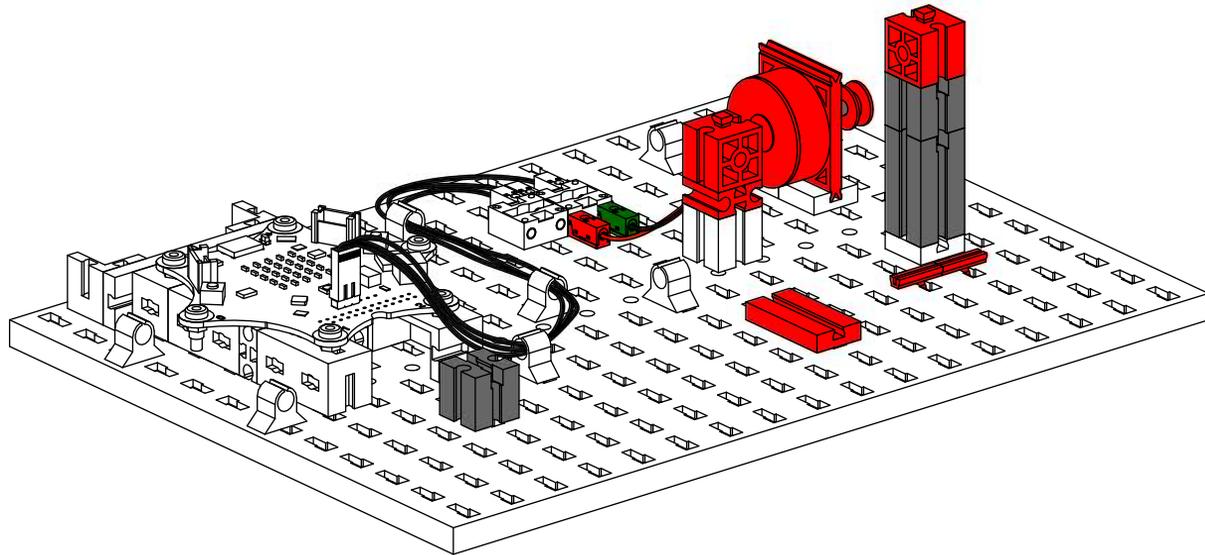
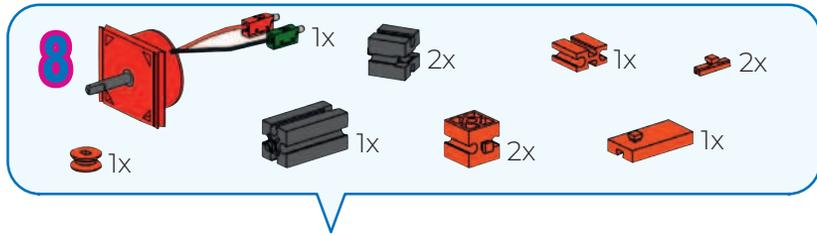


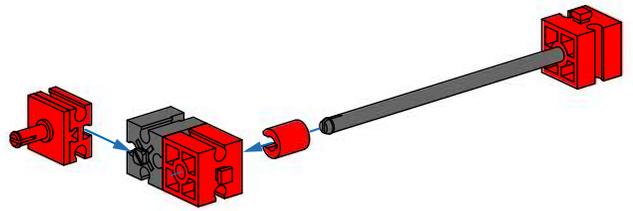
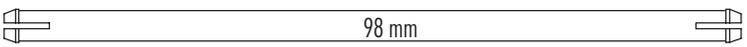
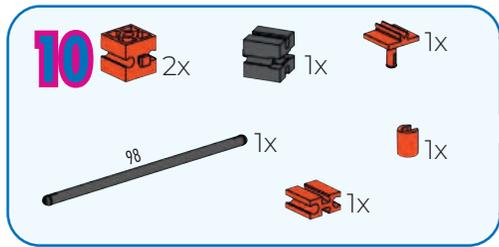
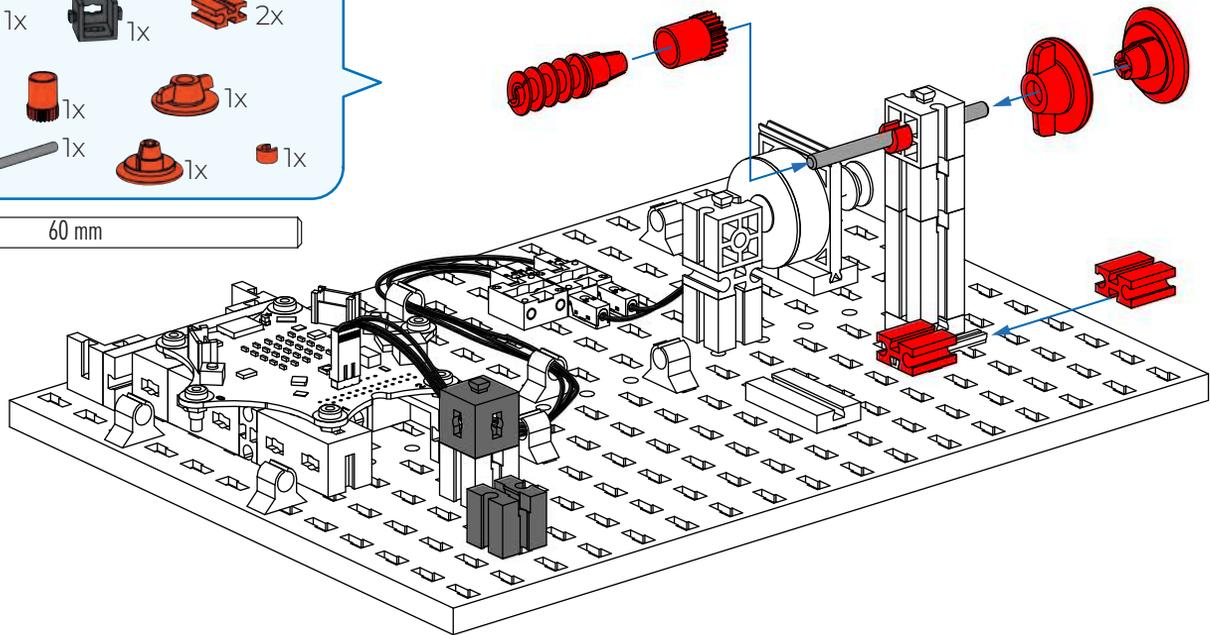
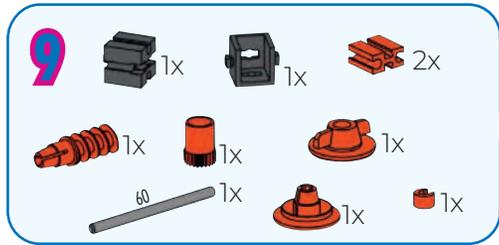
Schranke

1-6

Seite 5

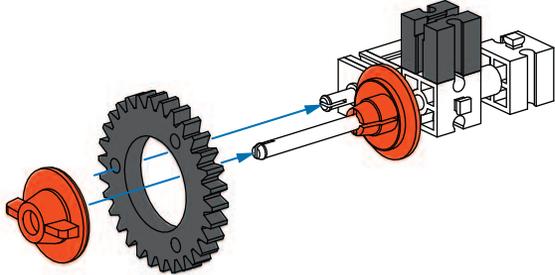






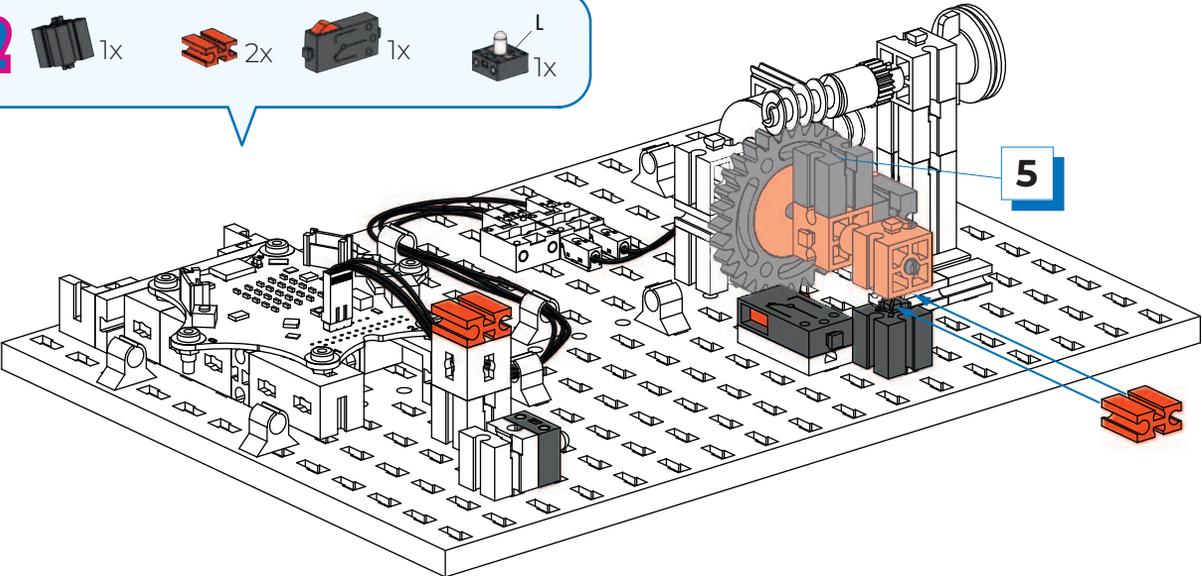
11

- 1x black 1x2 Technic brick
- 1x grey 24-tooth gear
- 1x orange 1x2 Technic axle connector
- 1x orange 1x2 Technic axle connector

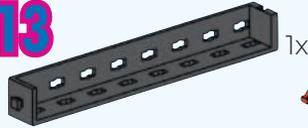


12

- 1x black 1x2 Technic brick
- 2x orange 1x2 Technic axle connector
- 1x black 1x2 Technic brick
- 1x black 1x2 Technic brick with a white L-shaped pin



13



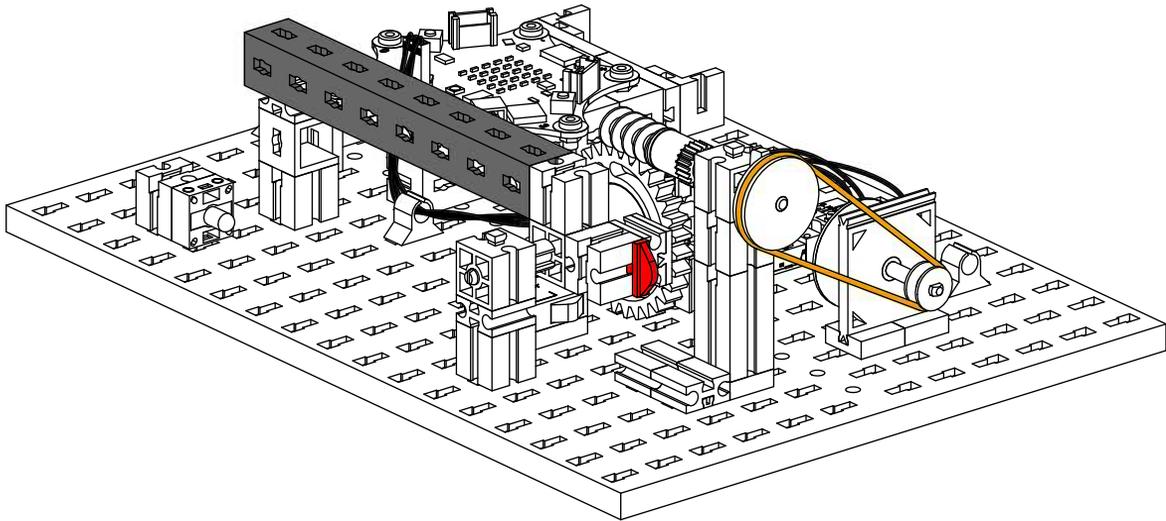
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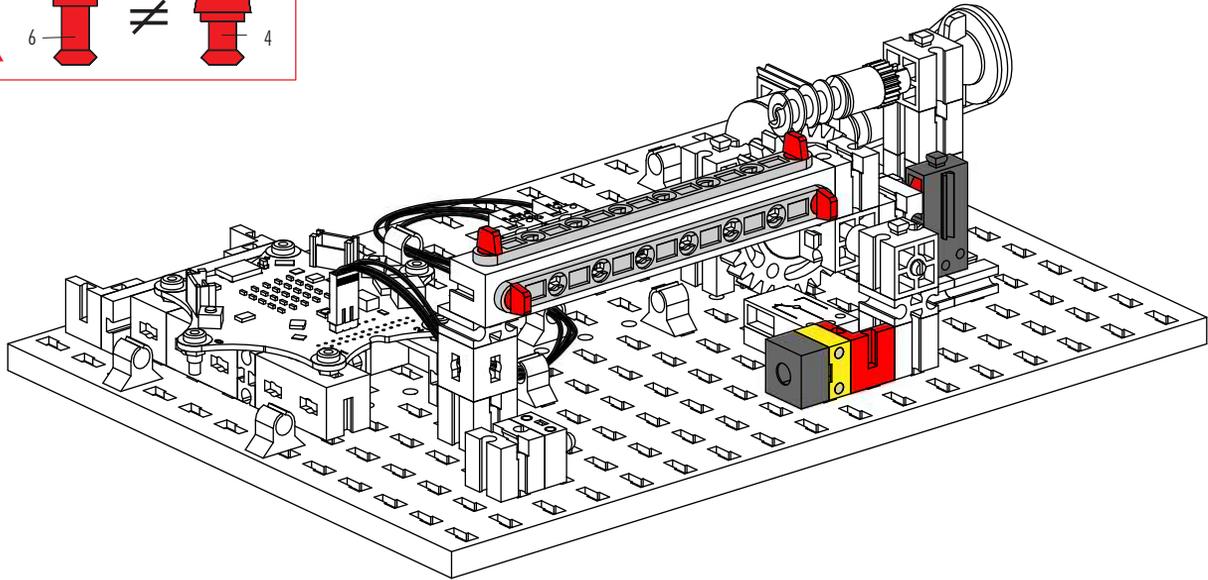
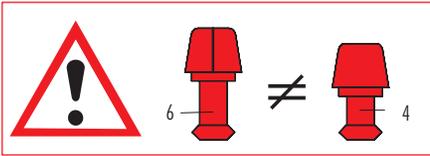
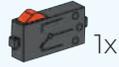
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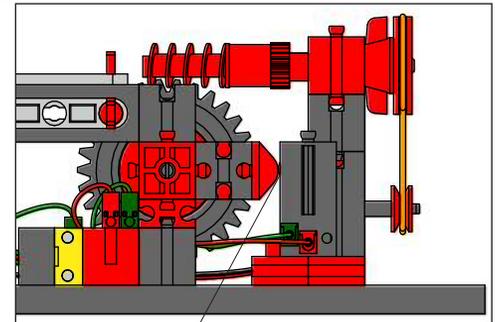
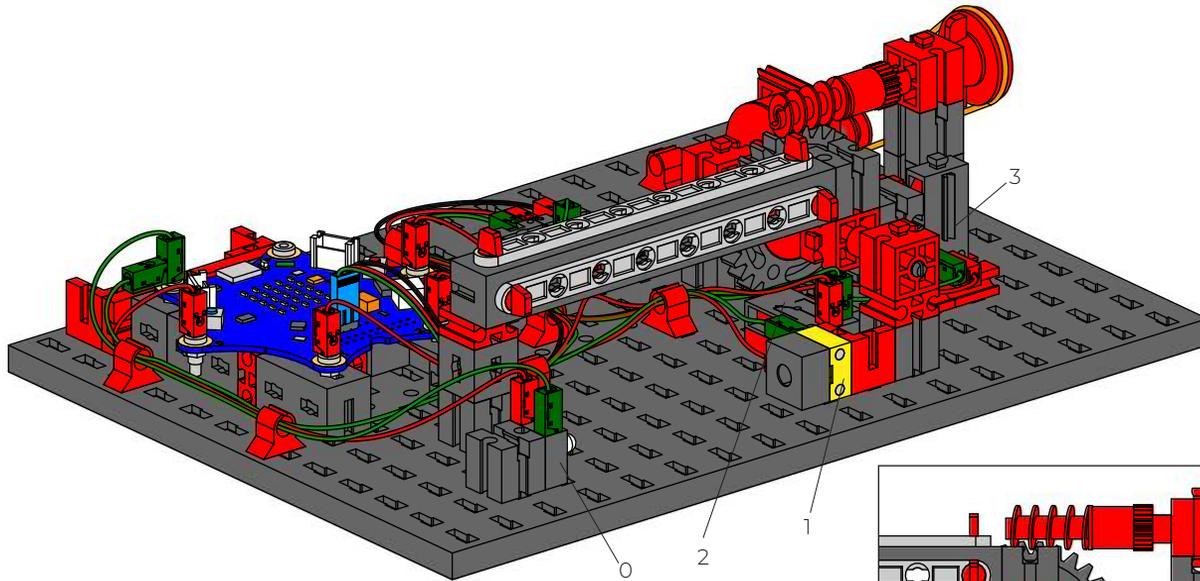


1x



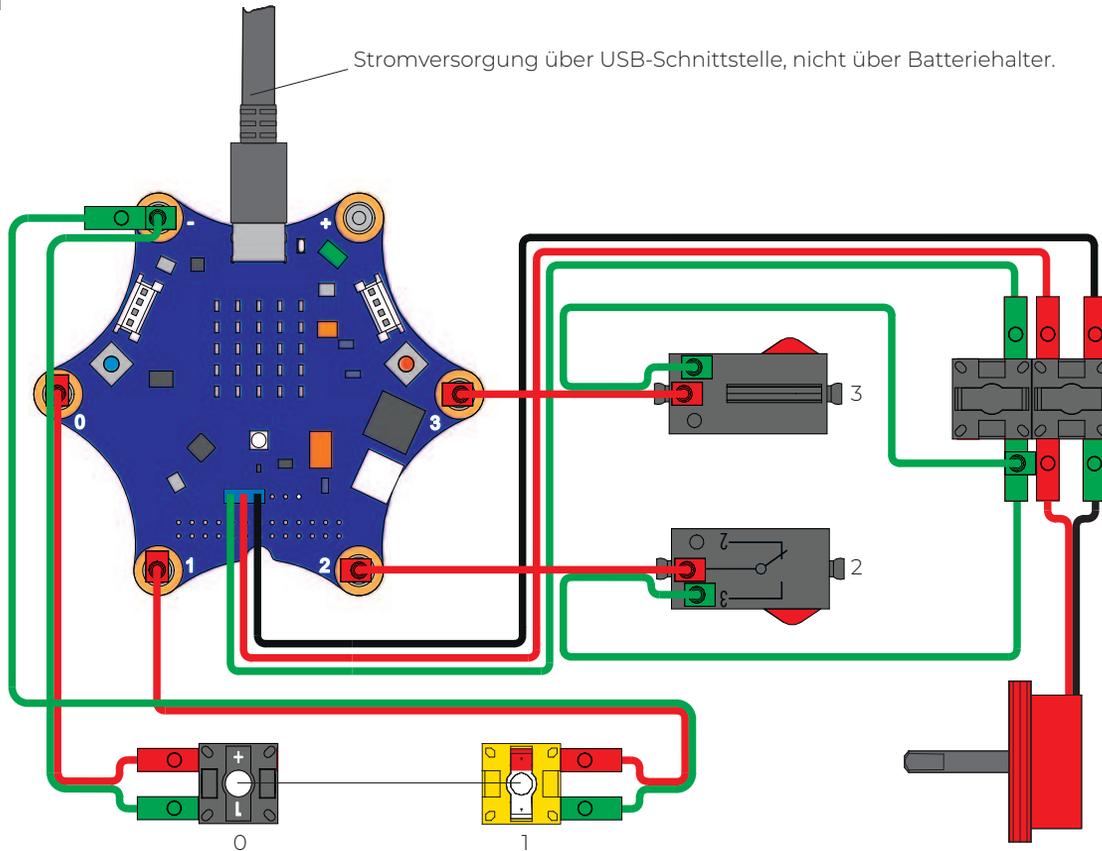
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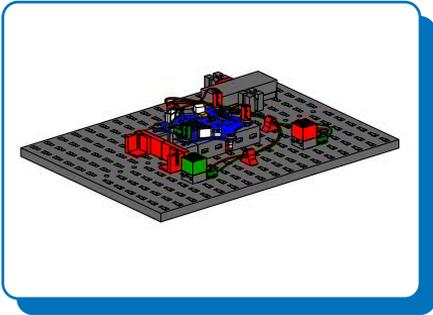
Taster gedrückt wenn Schranke geschlossen

Schaltplan

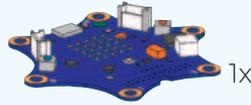


Jetzt ist dein Modell bereit zum Programmieren.
Hinweise zur Programmierung findest du im Begleitheft.

Wasserwaage

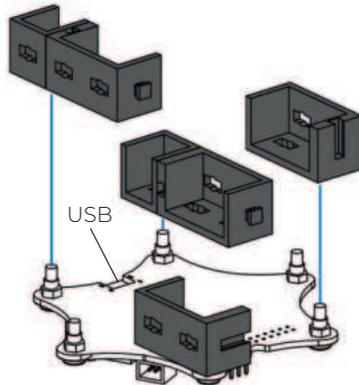
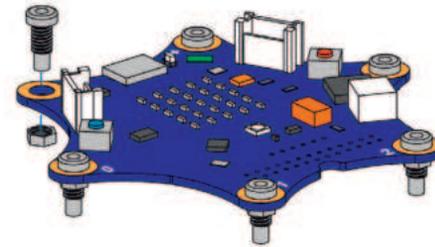


1



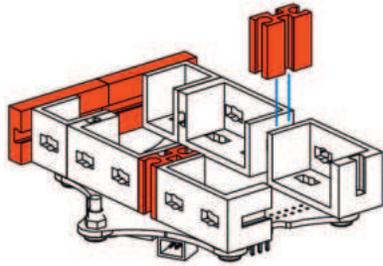
6x

6x



2

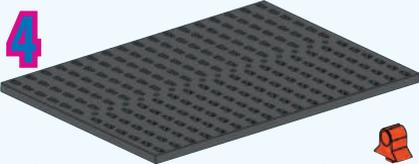




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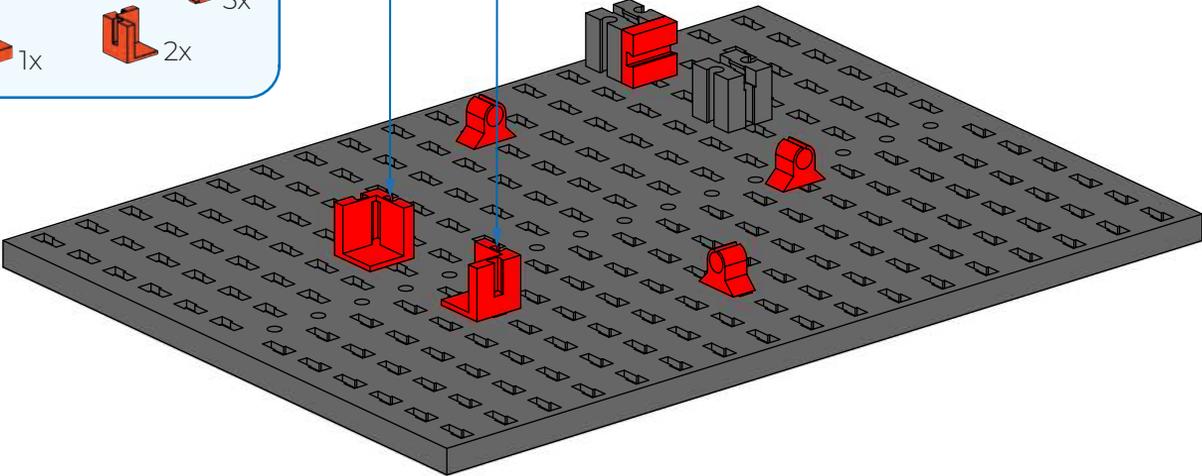
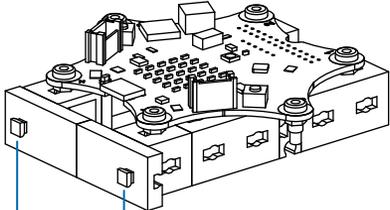
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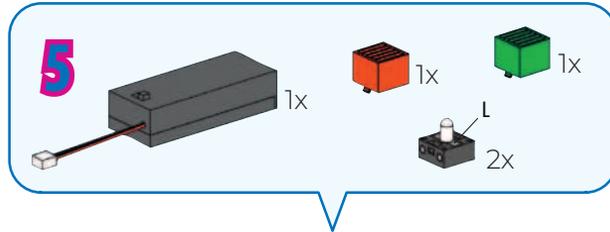
4

 1x

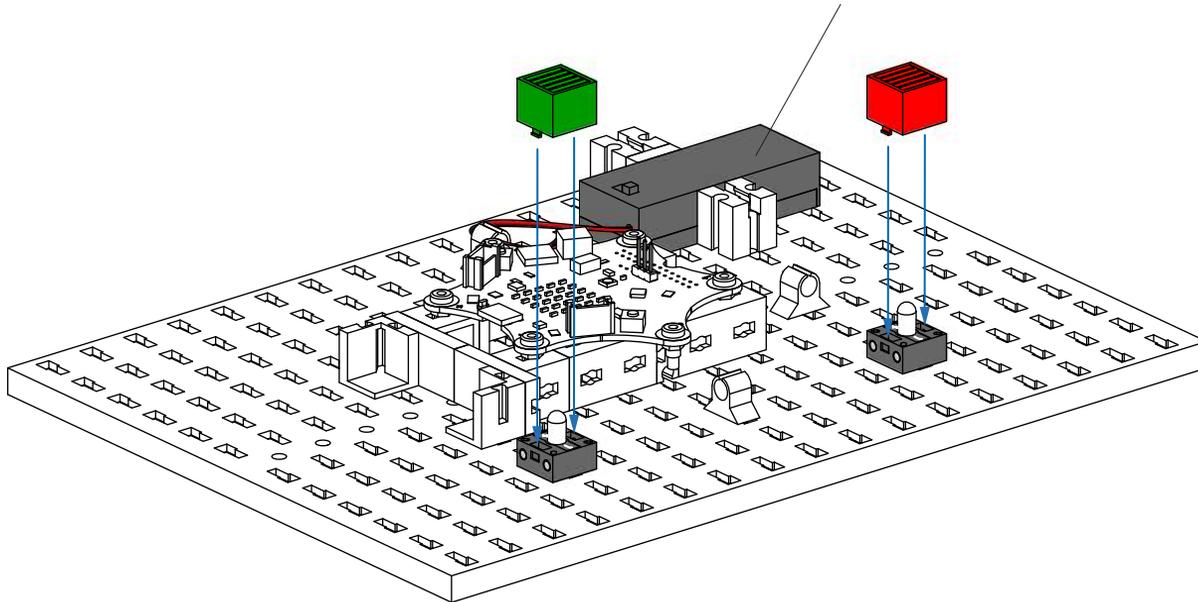
 2x  1x

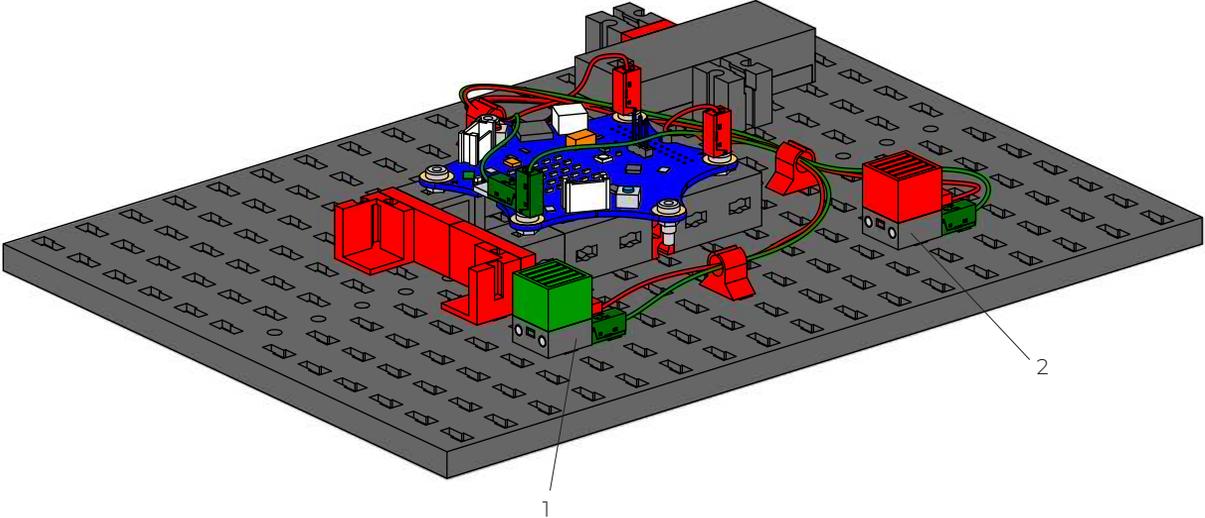
 2x  3x



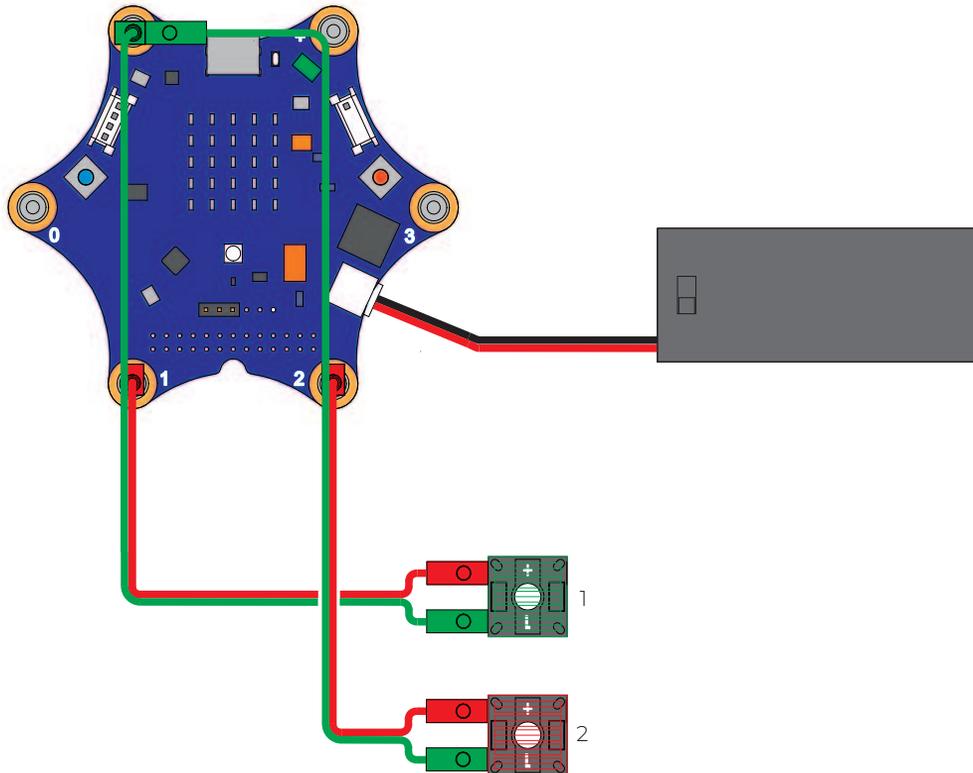


Batteriehalter und Batterien 2 x AAA nicht Inhalt dieses Baukastens.
Batteriehalter ist im Lieferumfang des Calliope Boards enthalten.





Schaltplan

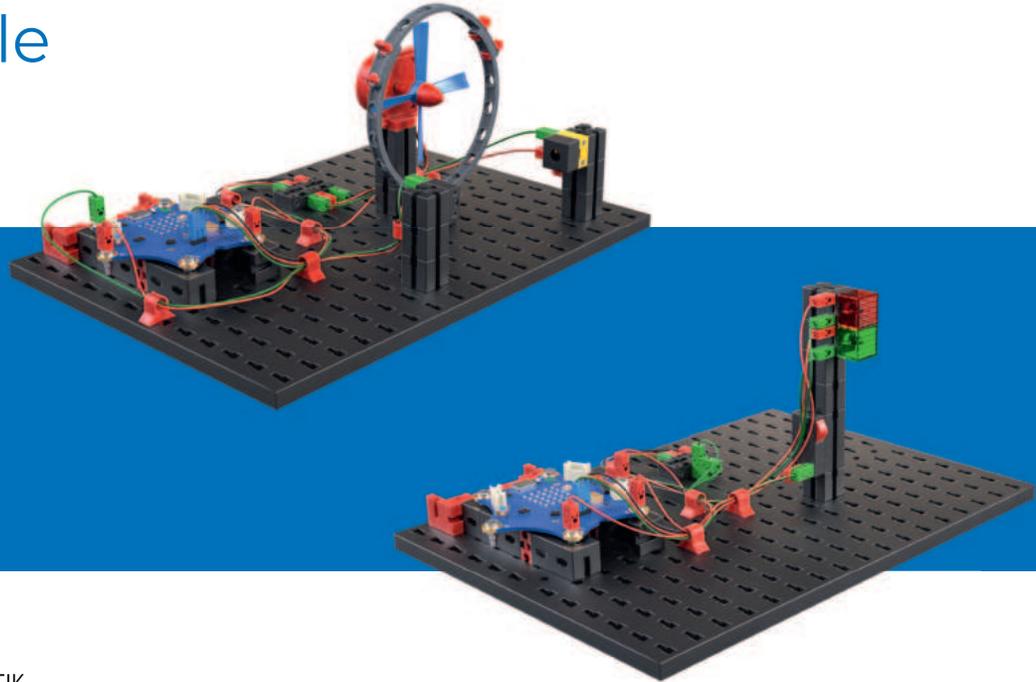


Jetzt ist dein Modell bereit zum Programmieren.
Hinweise zur Programmierung findest du im Begleitheft.

Calliope Erweiterungsset

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6 Modelle