



JUNIOR Engineer

fischertechnik GmbH

Klaus-Fischer-Str. 1

72178 Waldachtal

Germany

Phone: +49 74 43/12-4369

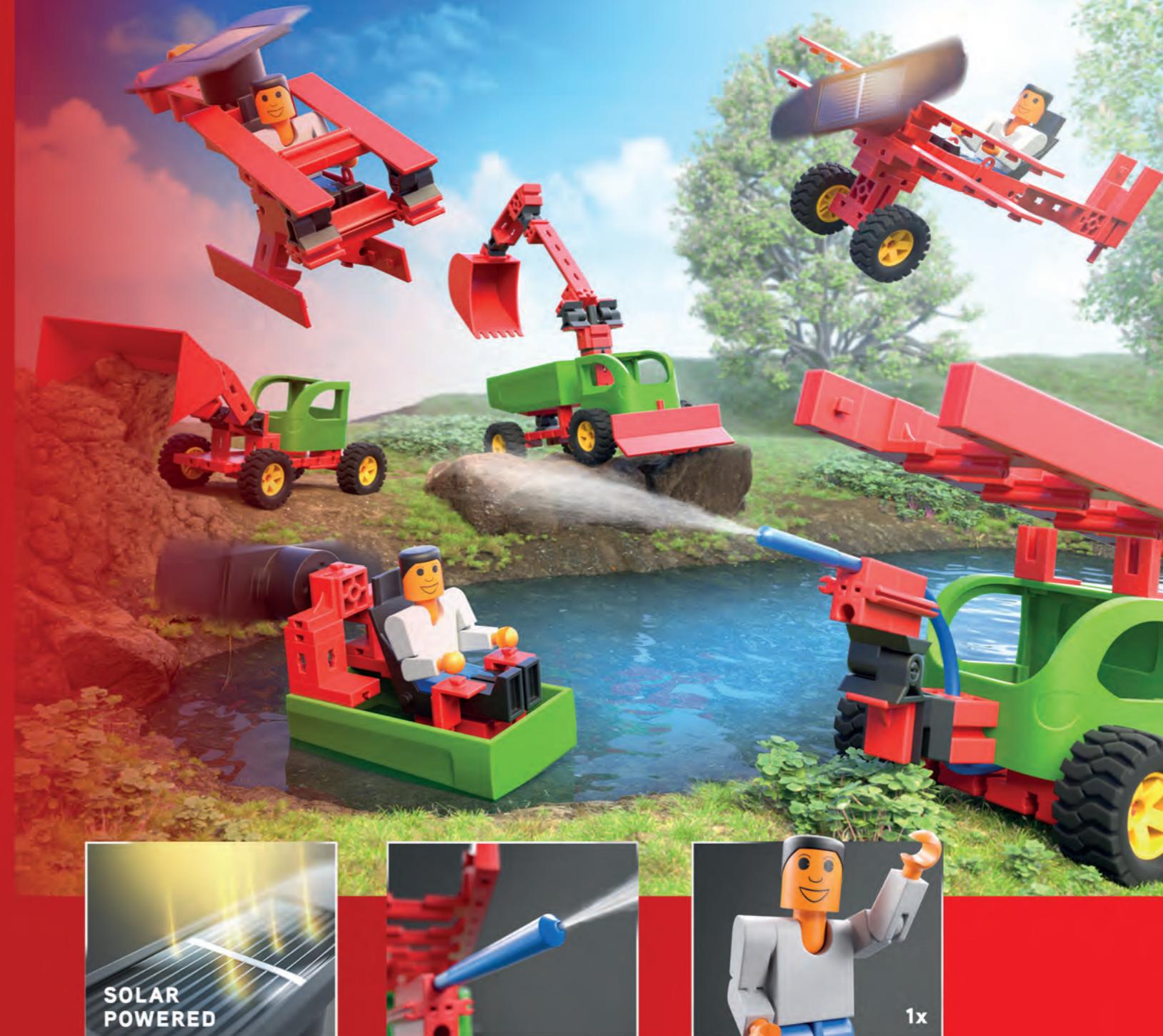
Fax: +49 74 43/12-4591

info@fischertechnik.de

www.fischertechnik.de

www.fischertechnik.de

190839 · 03/22 · Co · Printed in Germany · Technische Änderungen vorbehalten · Subject to technical modifications



Bauanleitung
Assembly instruction
Instructions de montage
Bouwhandleiding
Instrucciones de construcción

Manual de montagem
Istruzioni di montaggio
Инструкция по сборке
安装说明书

MODELS

12

JUNIOR Engineer



3



5



7



10



13



16



19



22



25



29



33

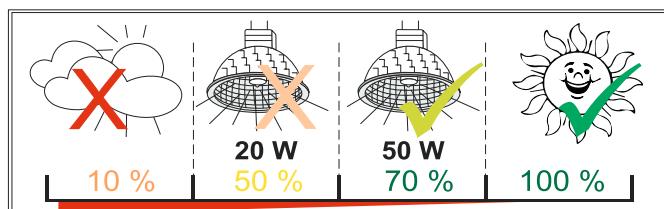


40

	31 010 5 x		35 049 10 x		38 245 4 x		132 223 1 x
	31 011 8 x		35 073 1 x		38 260 2 x		142 251 4 x
	31 061 7 x		36 576 1 x		38 411 2 x		142 252 4 x
	31 330 1 x		36 586 4 x		38 423 25 x		142 297 1 x
	31 632 1 x		36 593 1 x		38 428 11 x		144 446 1 x
	31 690 1 x		36 925 1 x		78 728 3 x		145 415 1 x
	31 978 1 x		37 237 11 x		122 641 1 x		145 416 1 x
	31 984 1 x		37 238 3 x		122 649 1 x		172 804 5 x
	31 997 1 x		37 468 3 x		127 298 1 x		172 805 5 x
	31 998 1 x		38 225 1 x		127 471 5 x		191 509 1 x
	32 064 3 x		38 240 2 x		127 472 2 x		
	35 039 1 x		38 241 2 x		130 593 1 x		

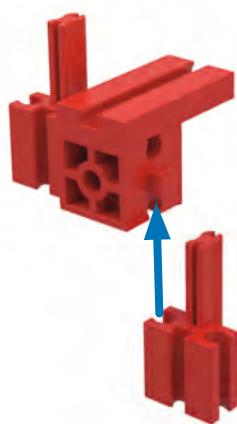
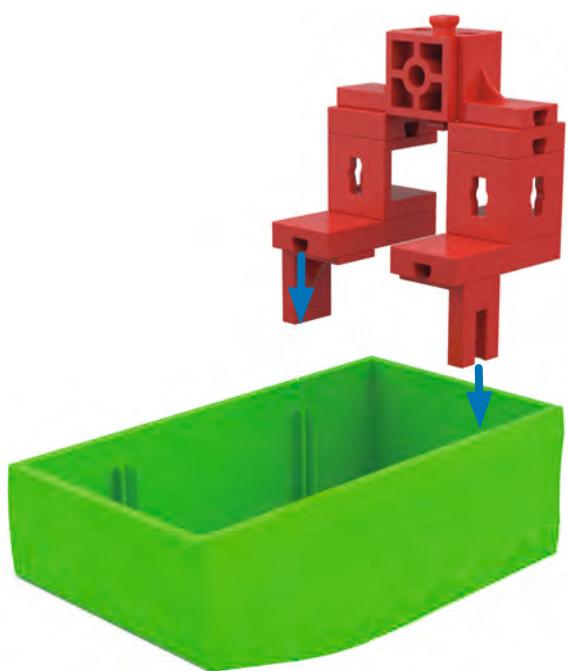
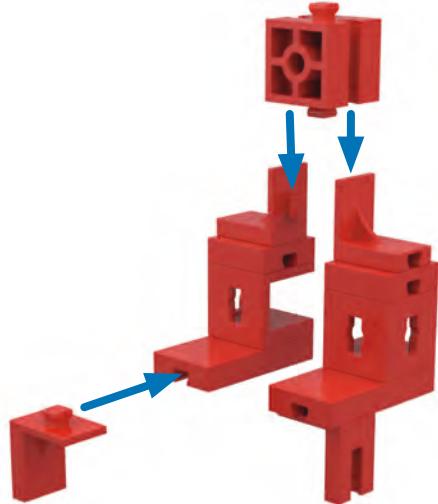
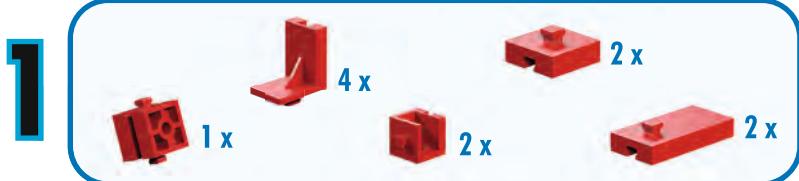
- Die Solarzellen funktionieren bei Sonnenlicht oder mit einer Halogenlampe. Energiesparlampen oder Leuchtstoffröhren sind nicht geeignet.
- The solar cells work with sunlight or with a halogen light. CFL bulbs or fluorescent lights are not suitable.
- Les cellules solaires fonctionnent si elles sont exposées aux rayons du soleil ou à la lumière d'une lampe halogène. Les lampes à faible consommation d'énergie ou les tubes fluorescents ne sont pas appropriés.
- De zonnecellen werken op zonlicht of met behulp van een halogeenlamp. Spaarlampen of TL-lampen zijn niet geschikt.
- Las celdas solares funcionan con luz solar o una lámpara halógena. Lámparas de ahorro de energía o tubos fluorescentes no son apropiados.
- As células solares funcionam com luz solar ou uma lâmpada de halôgeno. Lâmpadas economizadoras de energia ou lâmpadas fluorescentes não são adequadas.

- Le celle solari funzionano con la luce del sole o con una lampada alogena. Le lampade a risparmio energetico e i tubi fluorescenti non sono adatti.
- Солнечные элементы работают от солнечного света или галогенной лампы. Энергосберегающие и люминесцентные лампы не подходят.
- C太阳能电池在太阳光下或用卤素灯工作。
不适合使用节能灯或荧光灯管。

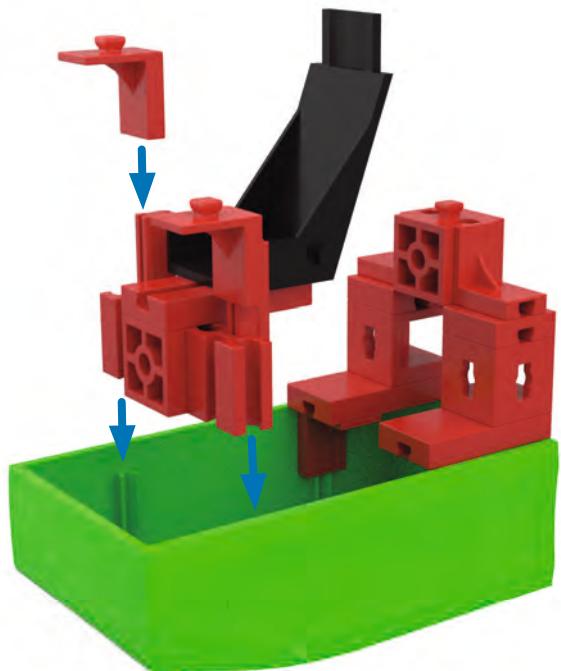


- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
- All components, especially moving parts, should be maintained and cleaned as necessary.
- Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
- Alle onderdelen, vooral de bewegende delen, kunnen, indien noodzakelijk, onderhouden en gereinigd worden.
- Es necesario mantener limpia y en buen estado cada una de las piezas. Particularmente las piezas móviles.

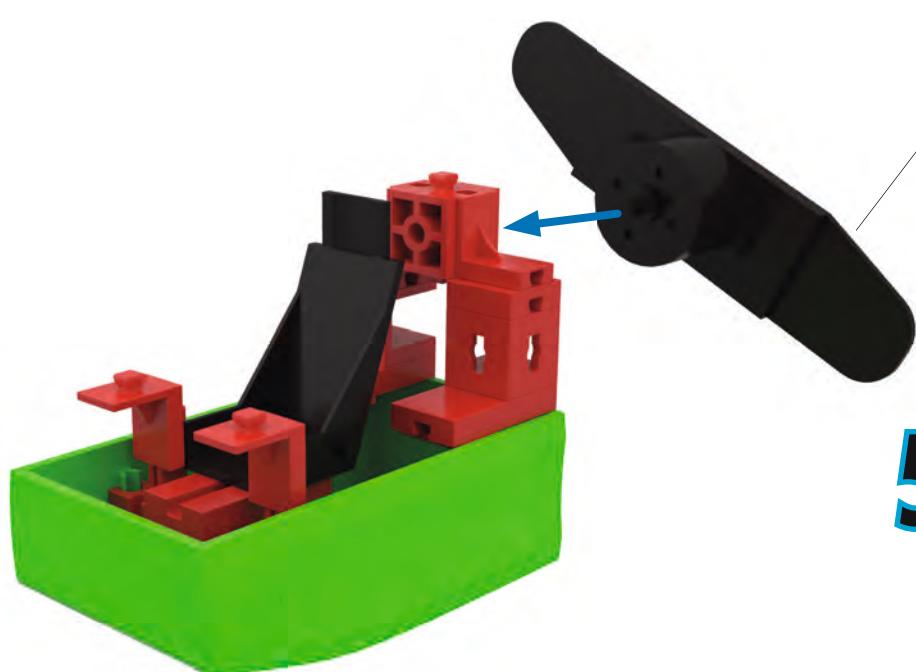
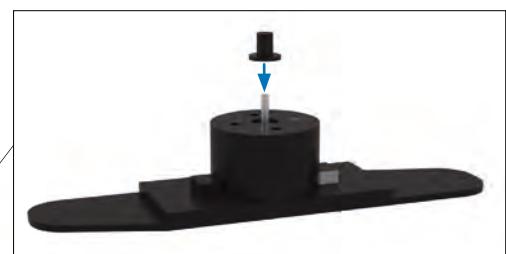
- Todas as peças individuais, especialmente peças móveis, devem ser submetidas à manutenção e limpeza se necessário.”
- Se necessário, tutti i singoli componenti, soprattutto le parti mobili, si devono eventualmente sottoporre a manutenzione e pulizia.
- Все детали, особенно подвижные, требуют ухода и чистки.
- 必要时应保养和清洁所有零件，尤指运动部件。

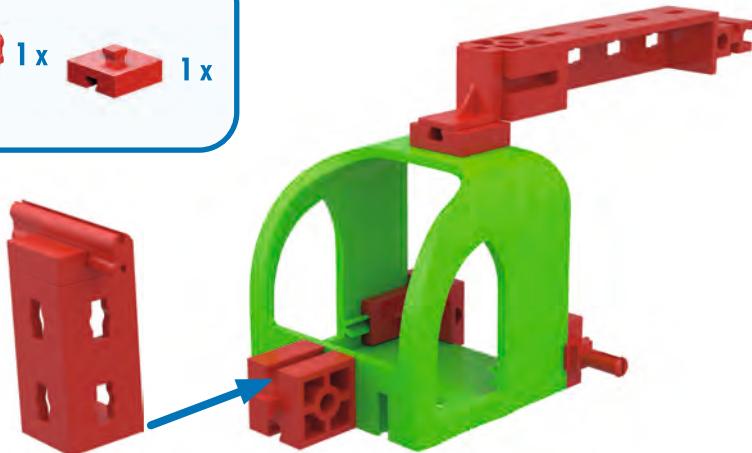
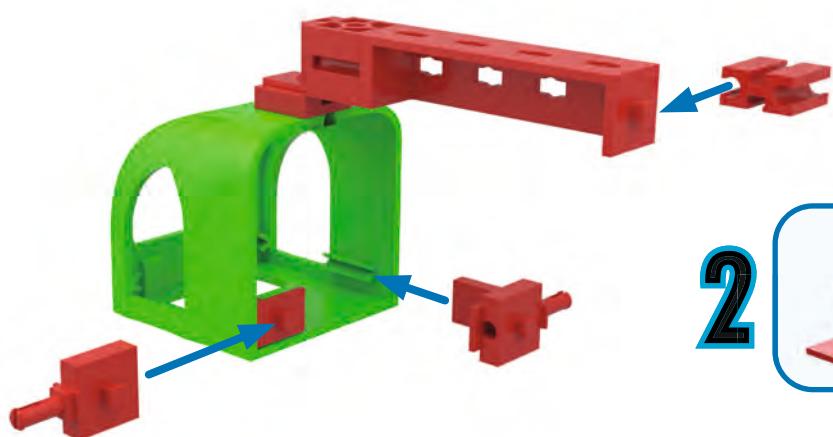
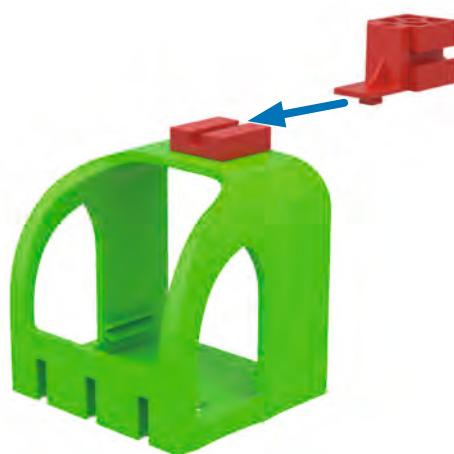
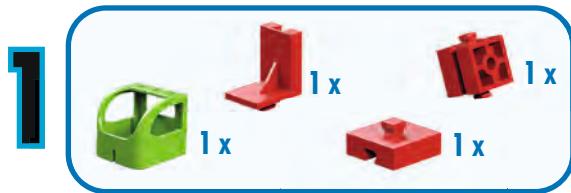


4

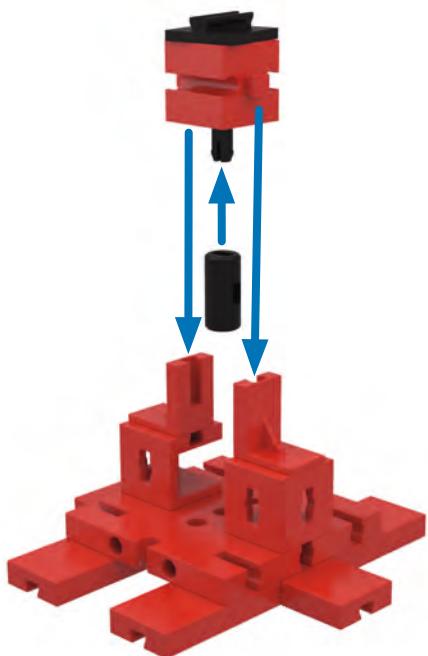
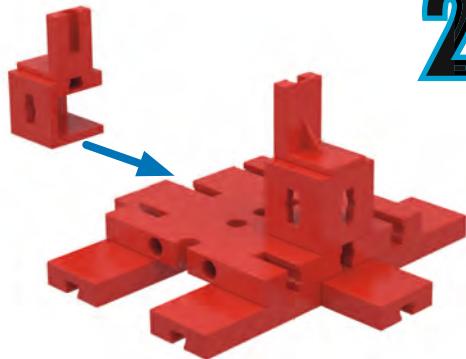
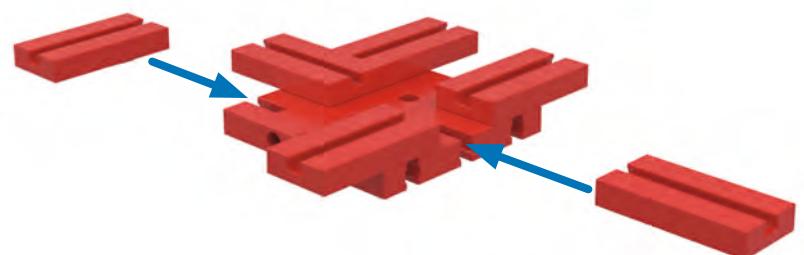
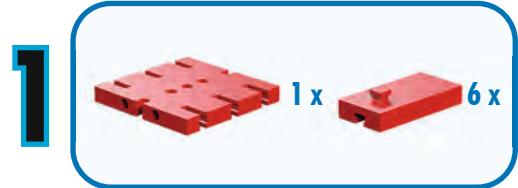


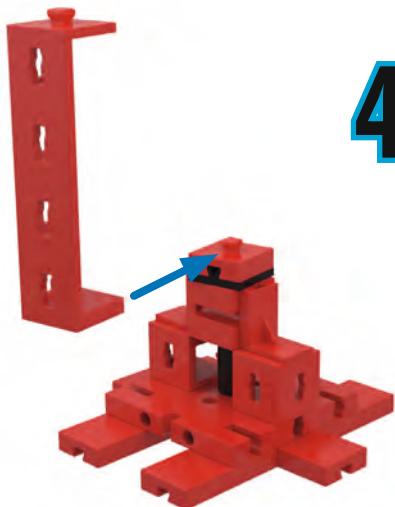
5





4**5**

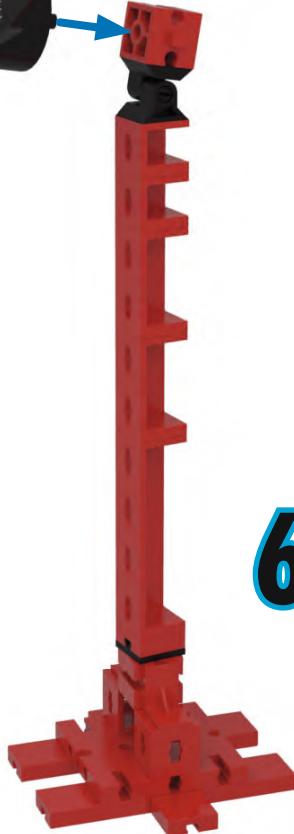
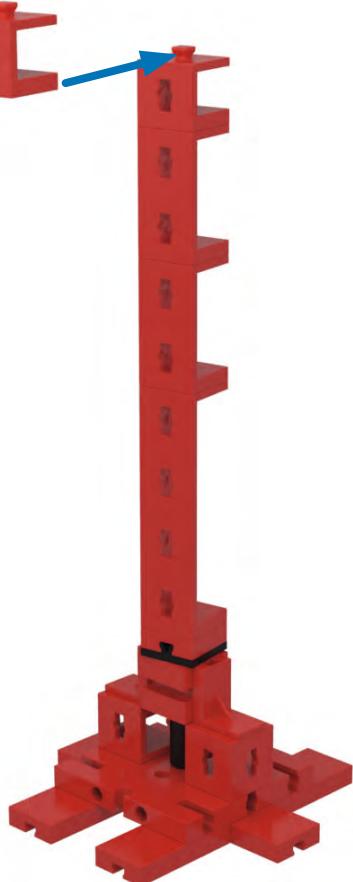
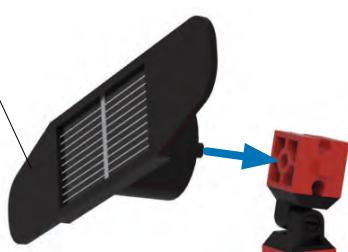
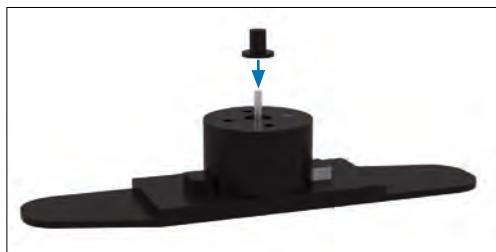




4

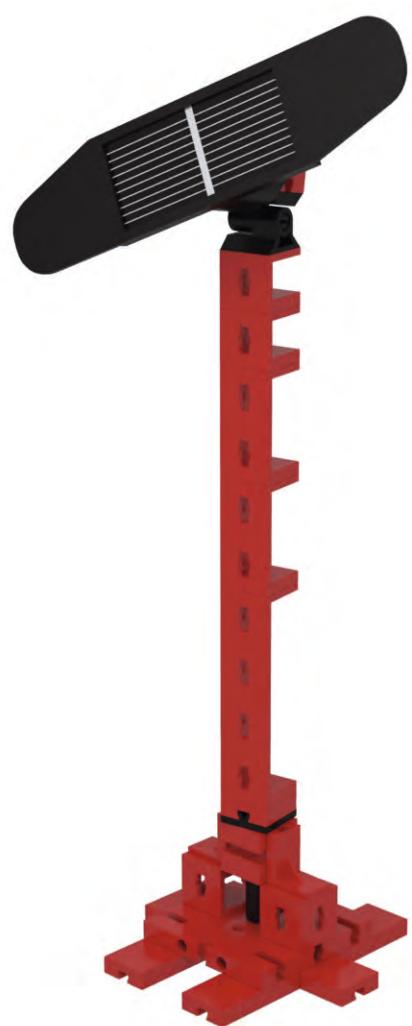


5



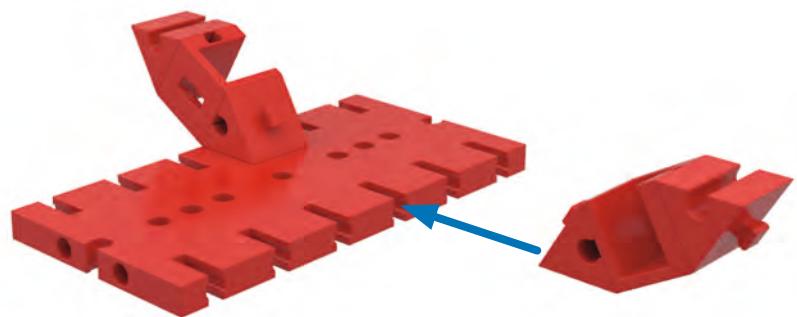
6



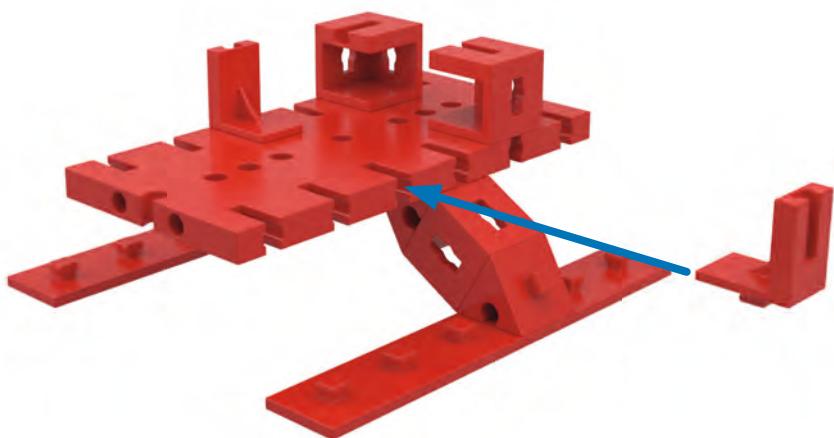
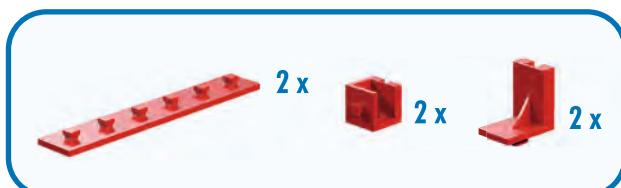




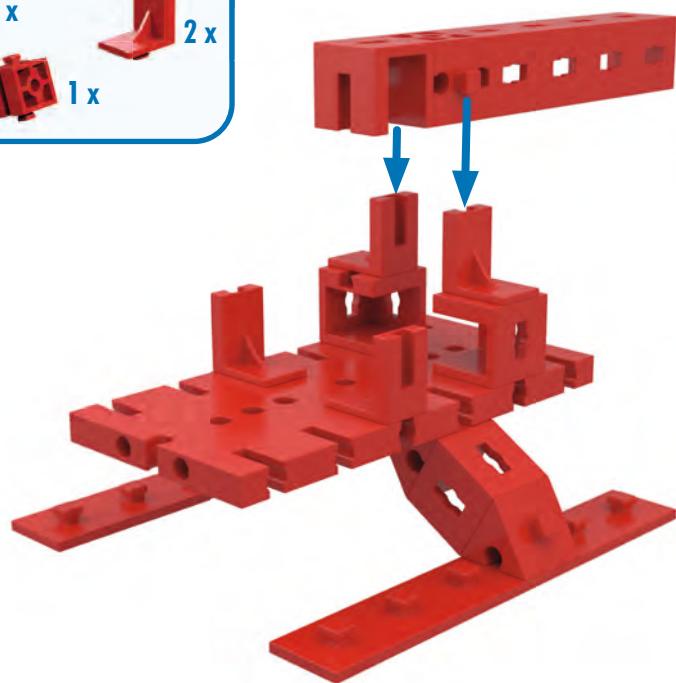
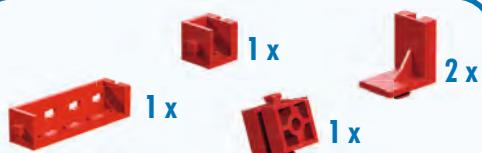
1



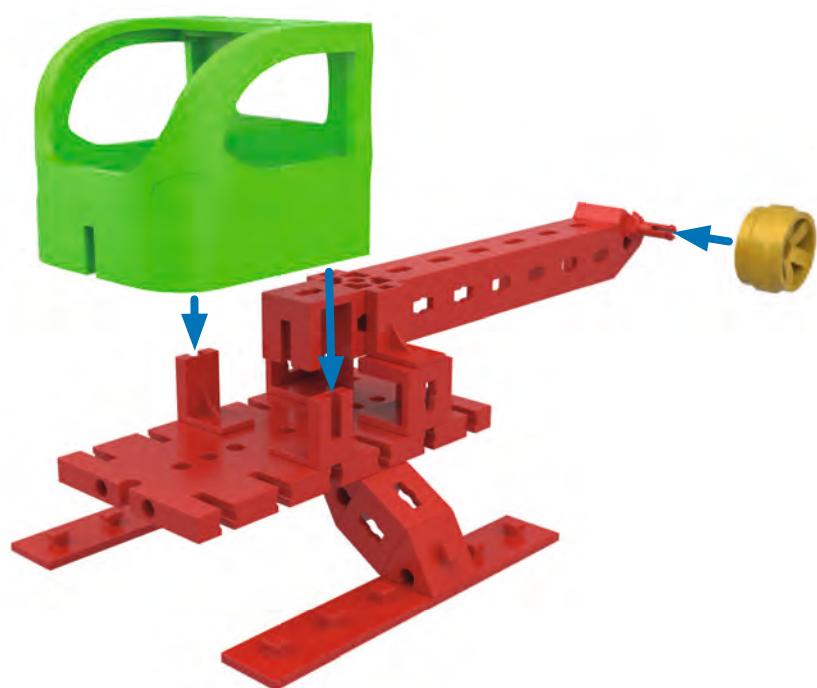
2

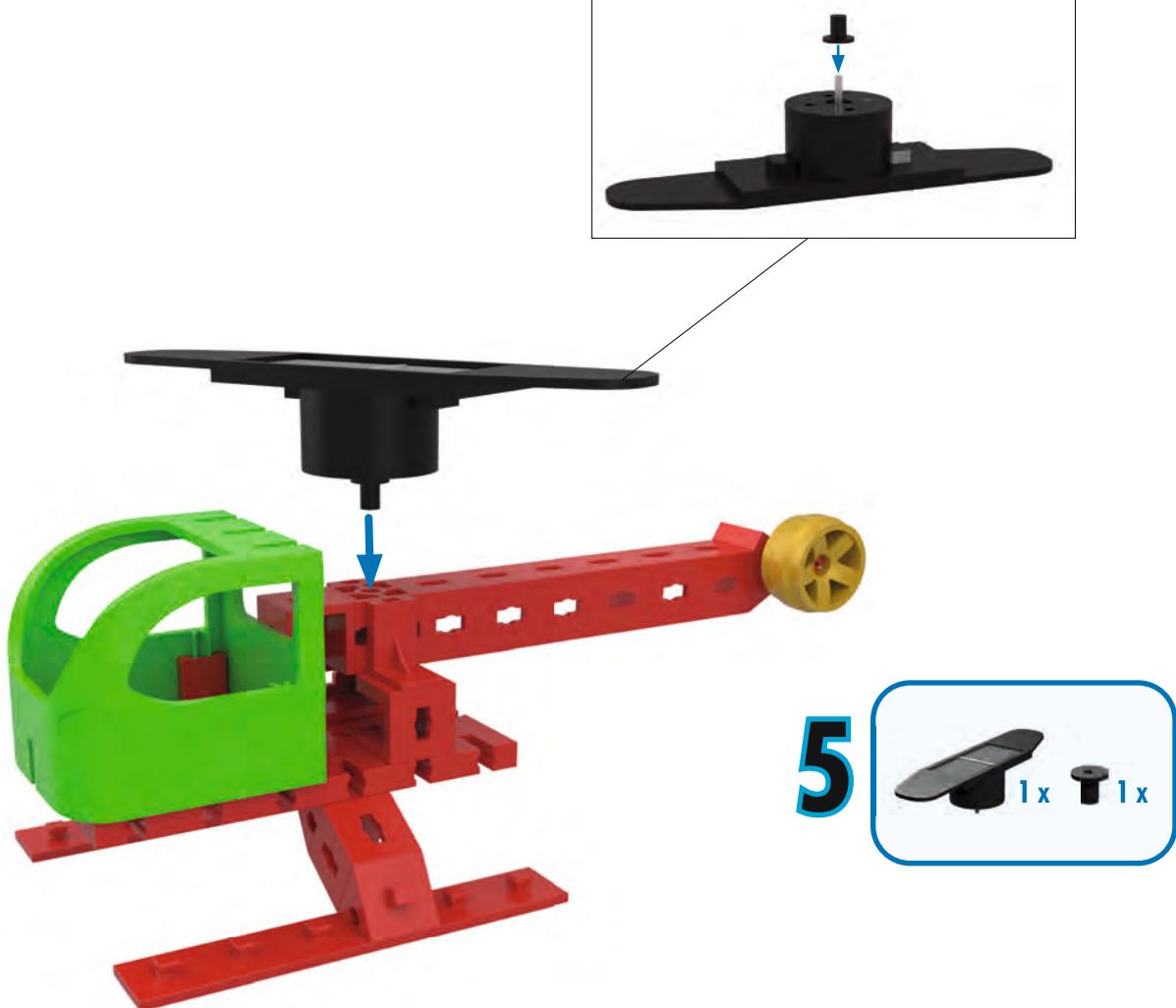


3



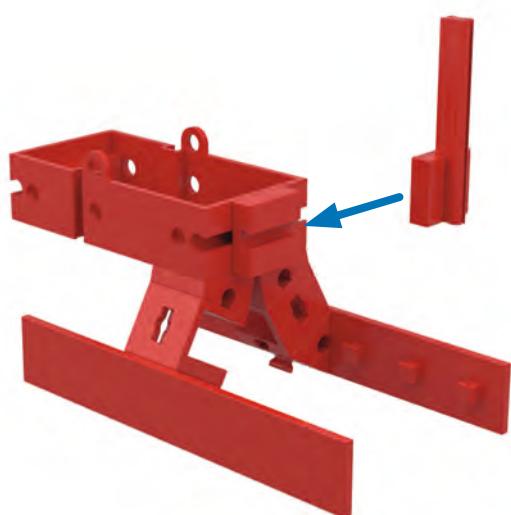
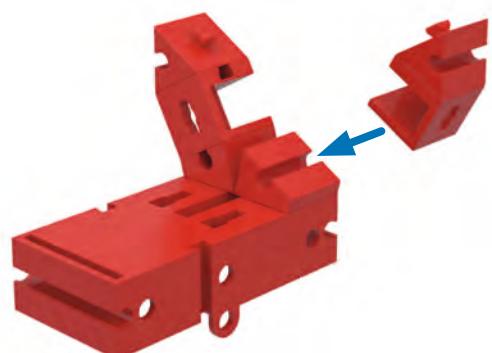
4







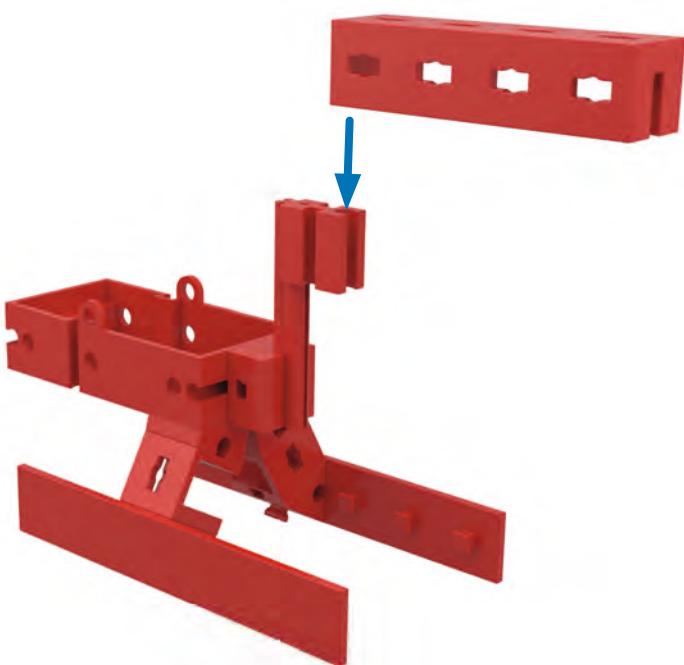
1

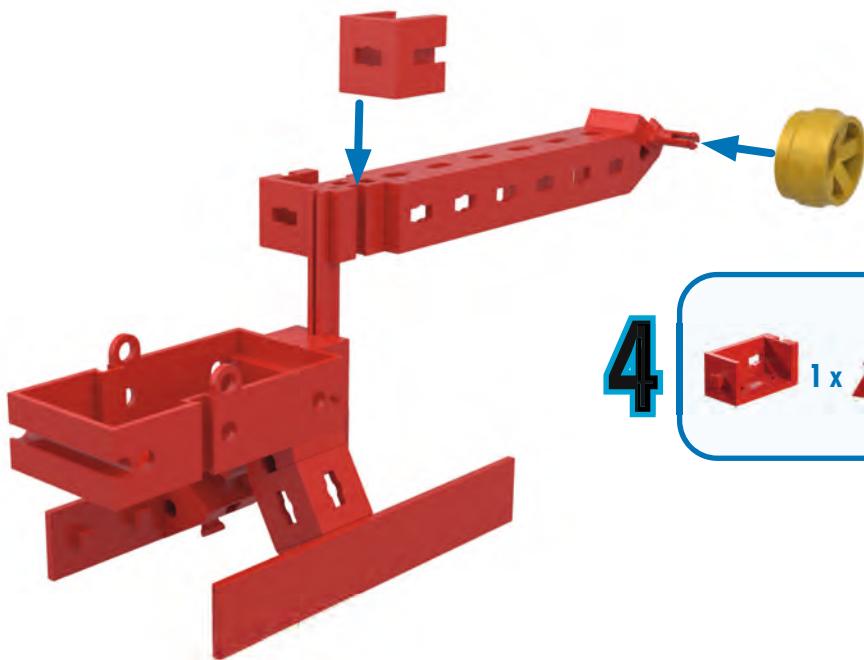


2



3

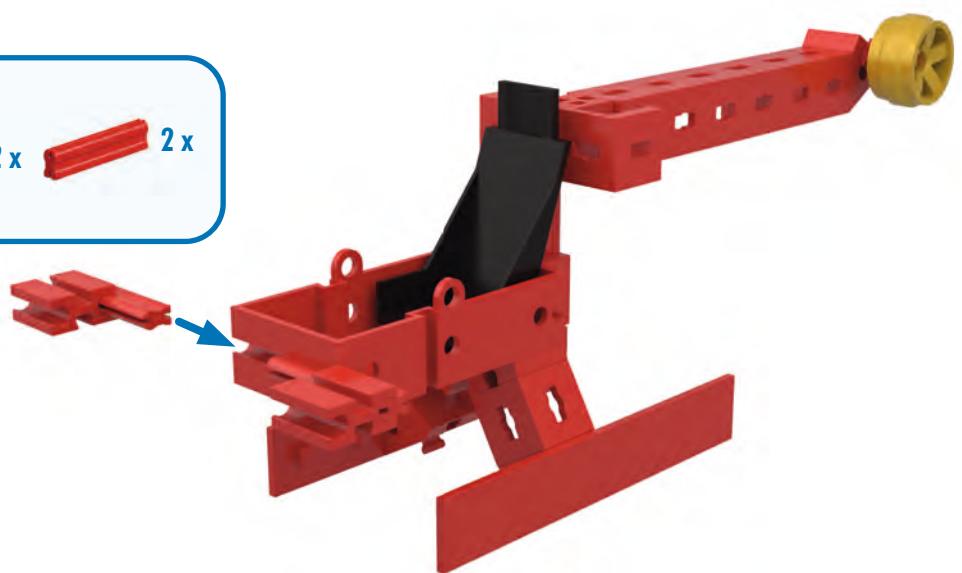




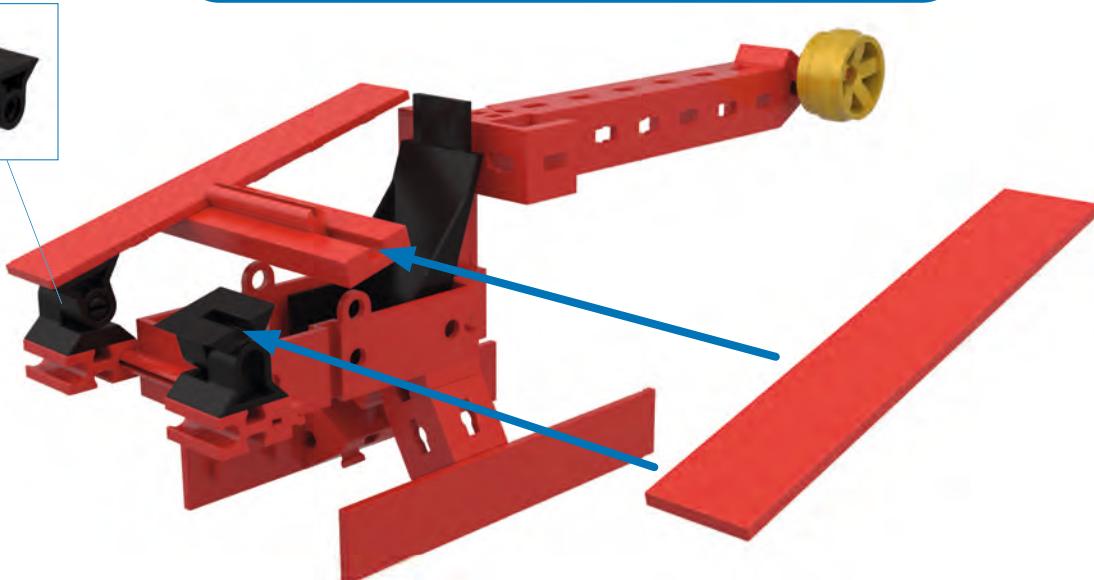
4



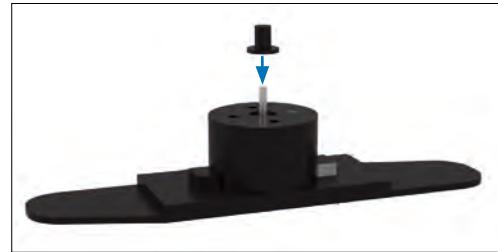
5



6

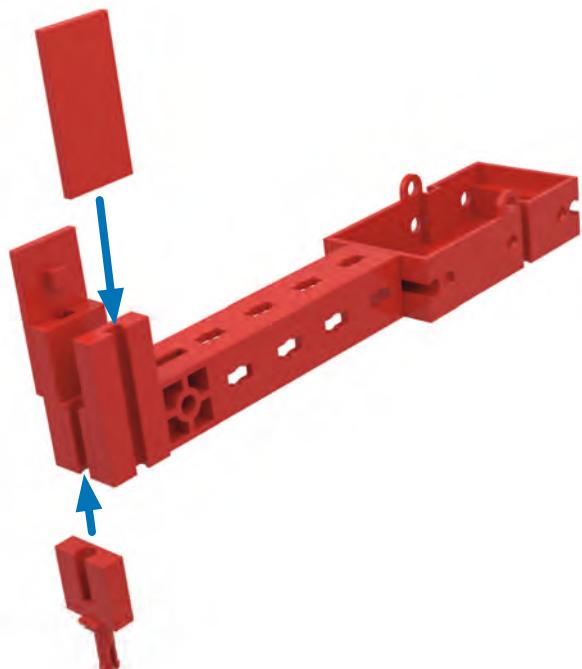
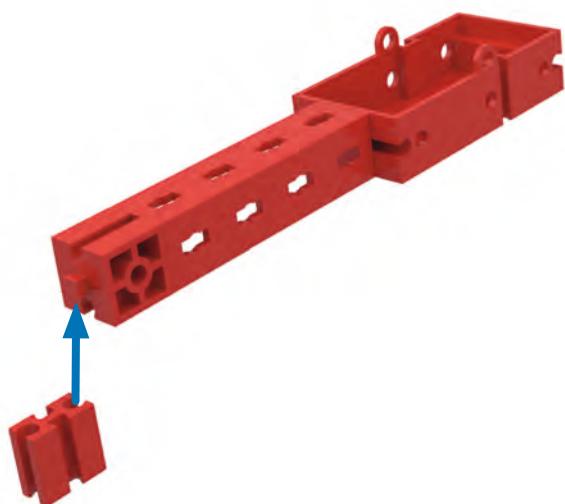


7





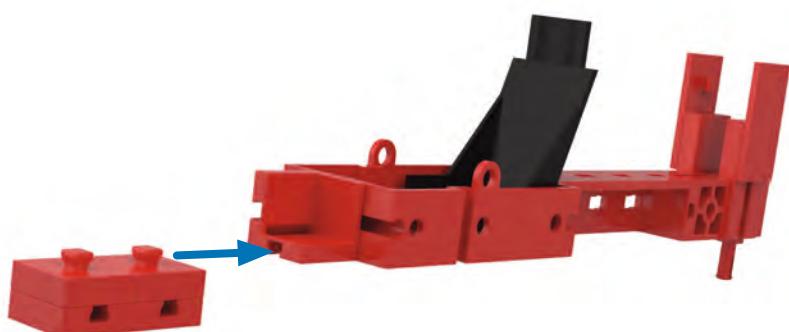
1

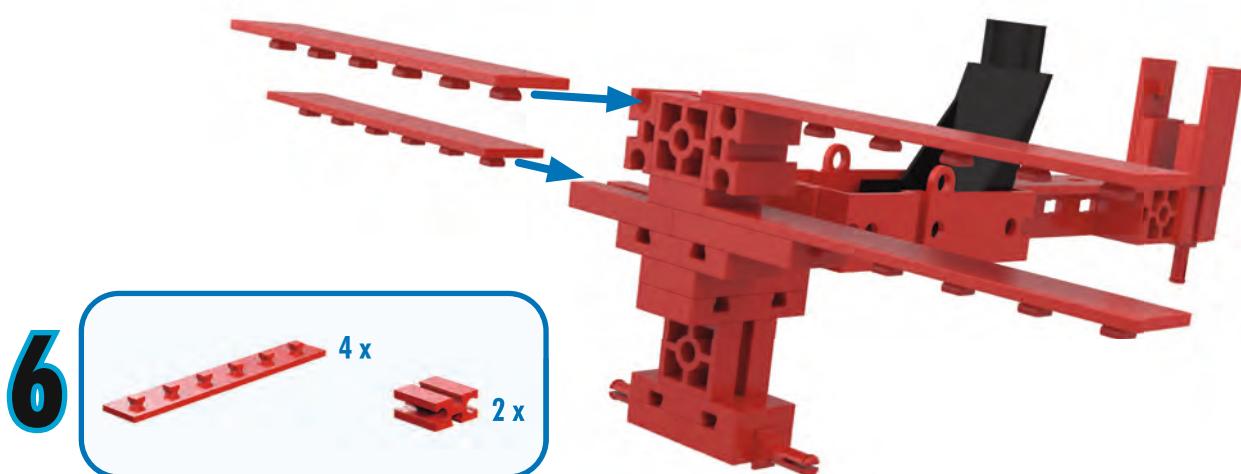
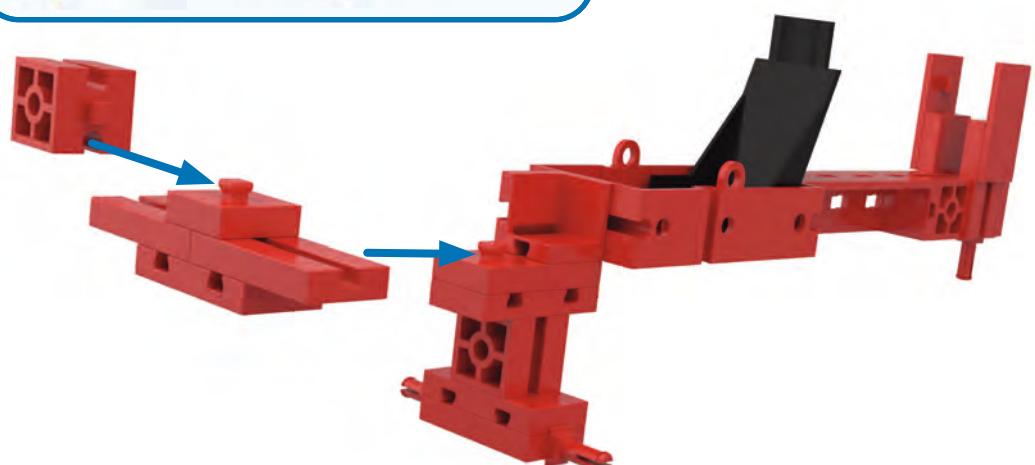
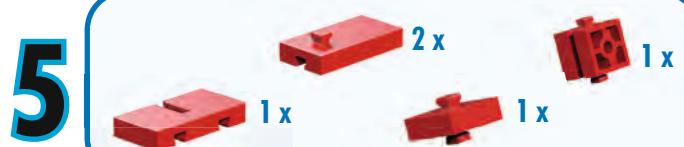
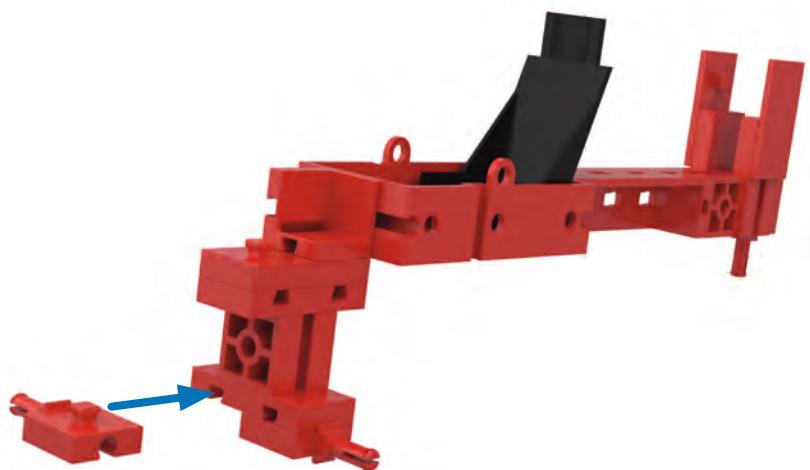


2



3



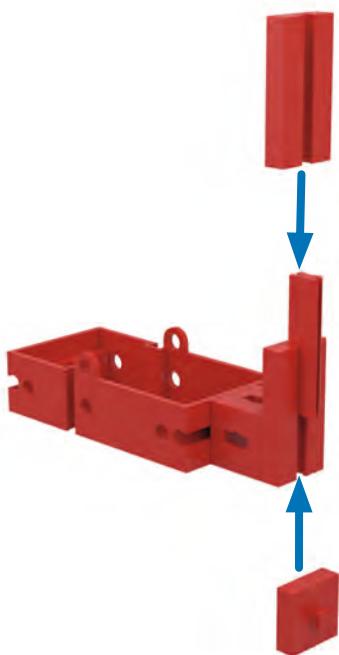
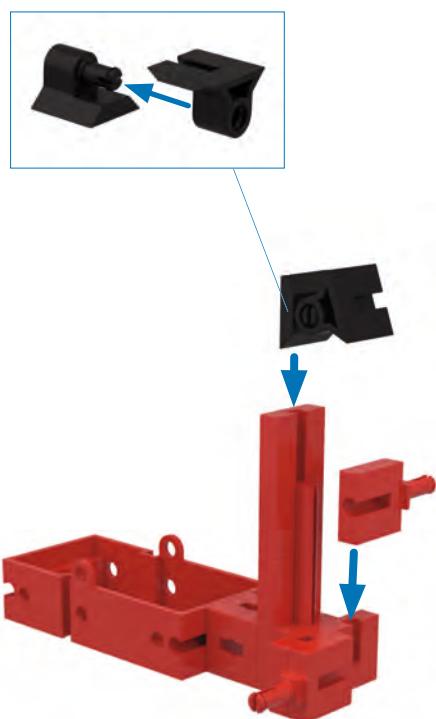
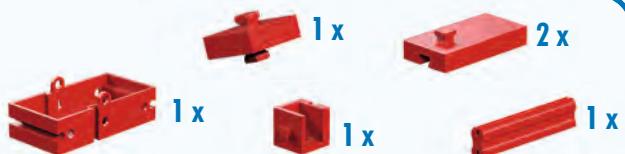


7

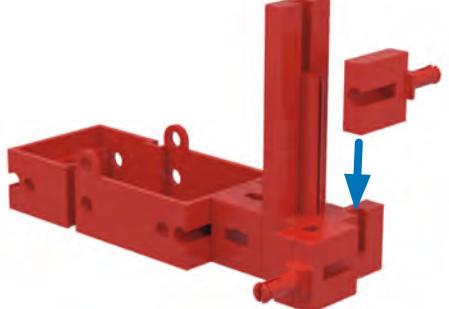




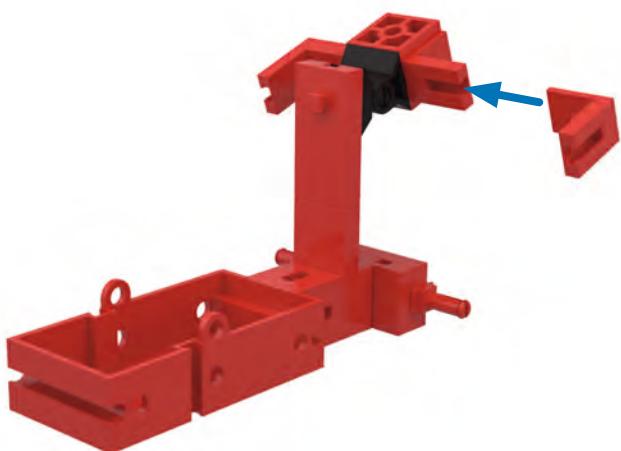
1

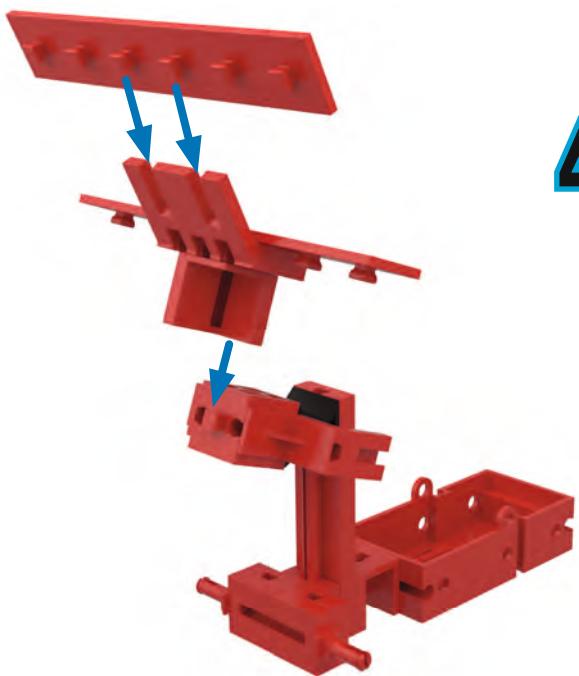


2

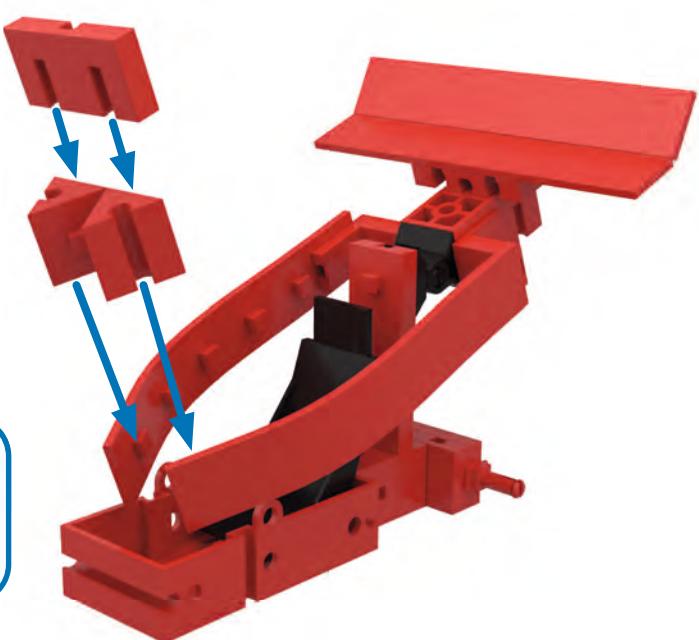


3





4



5

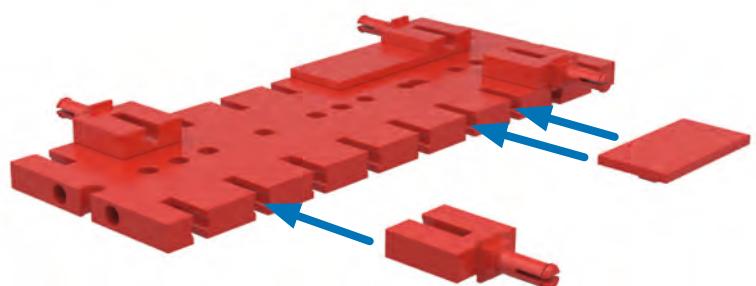
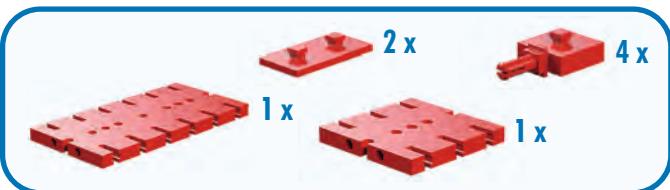


6

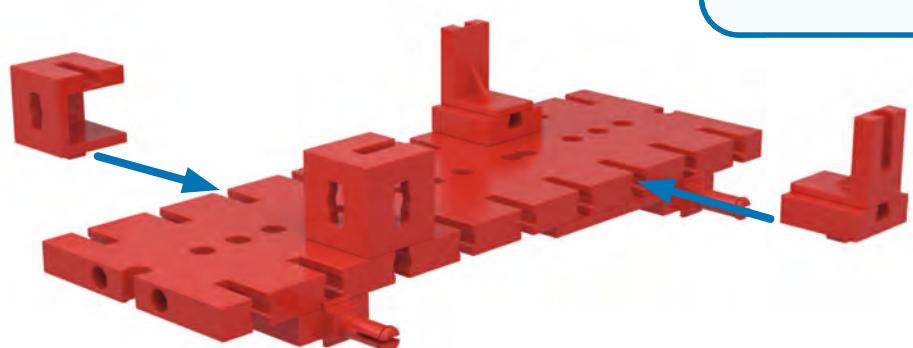




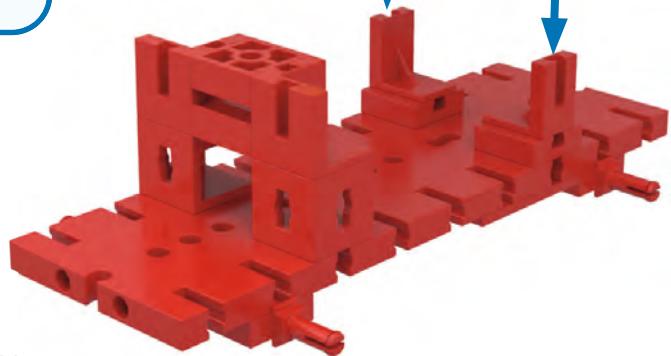
1

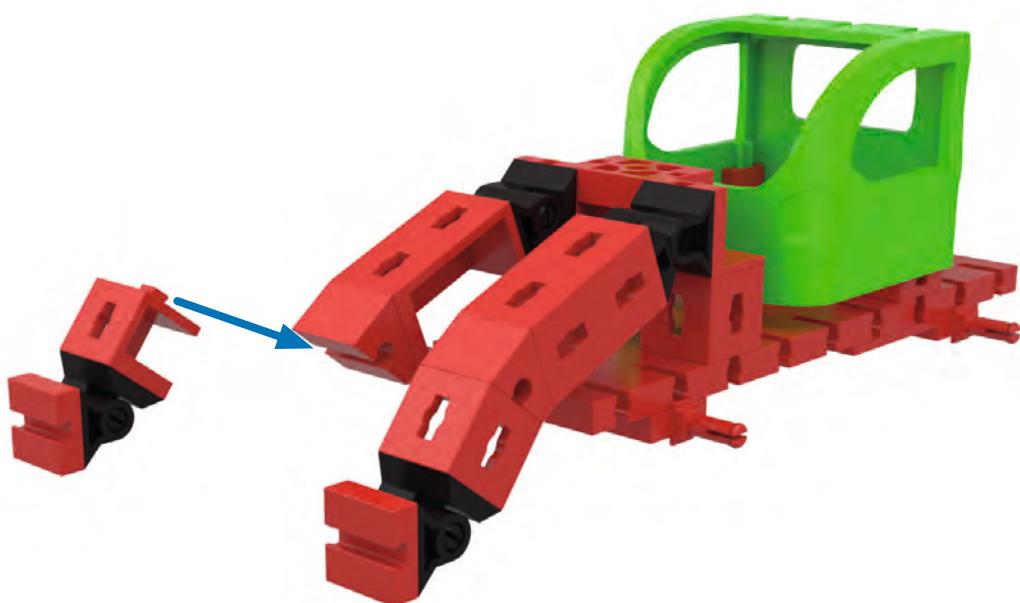
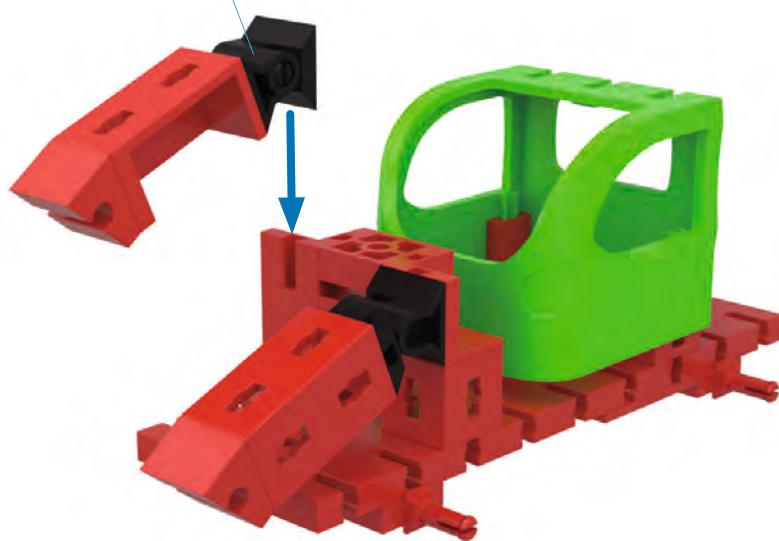


2

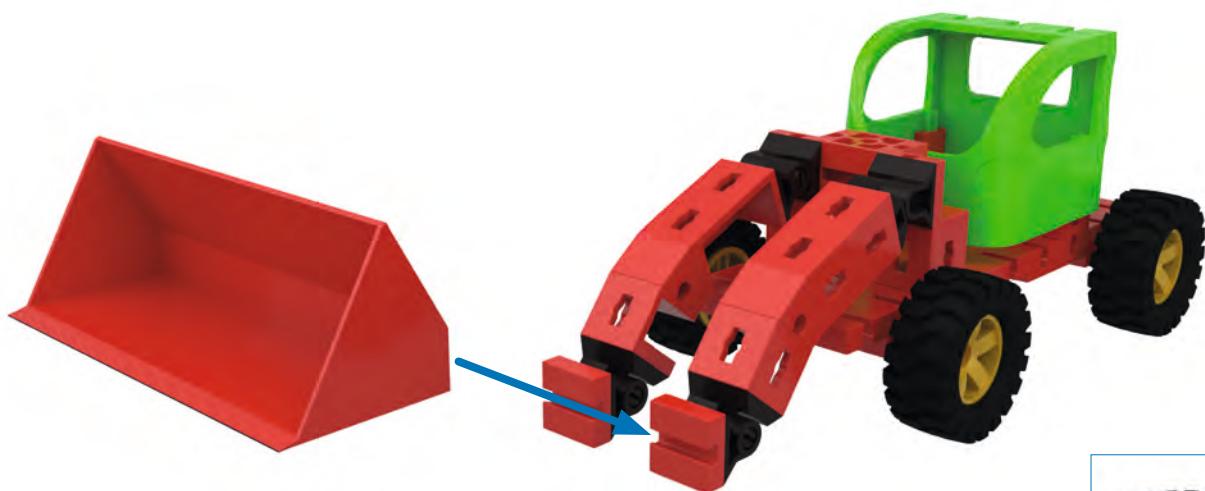


3



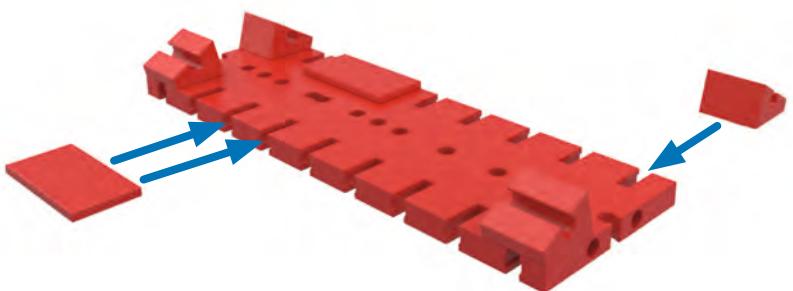
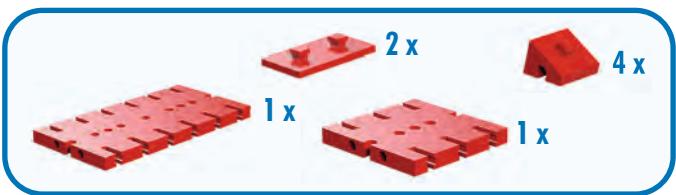


6

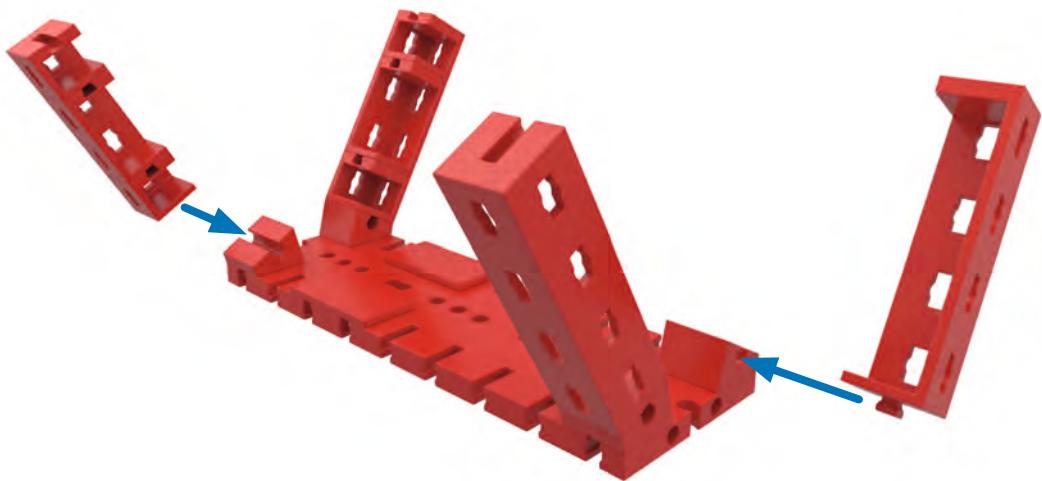




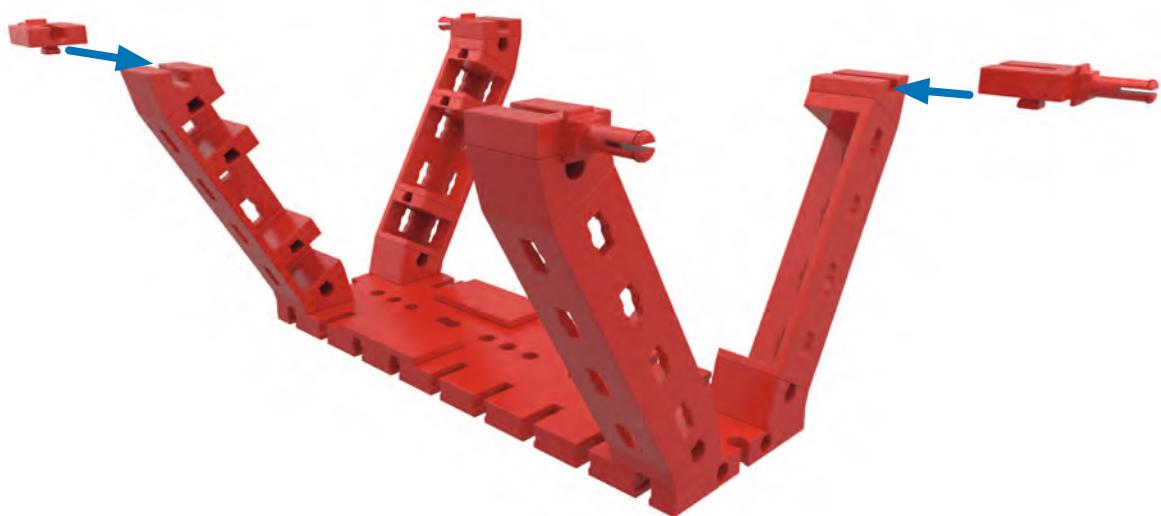
1



2



3





4



5

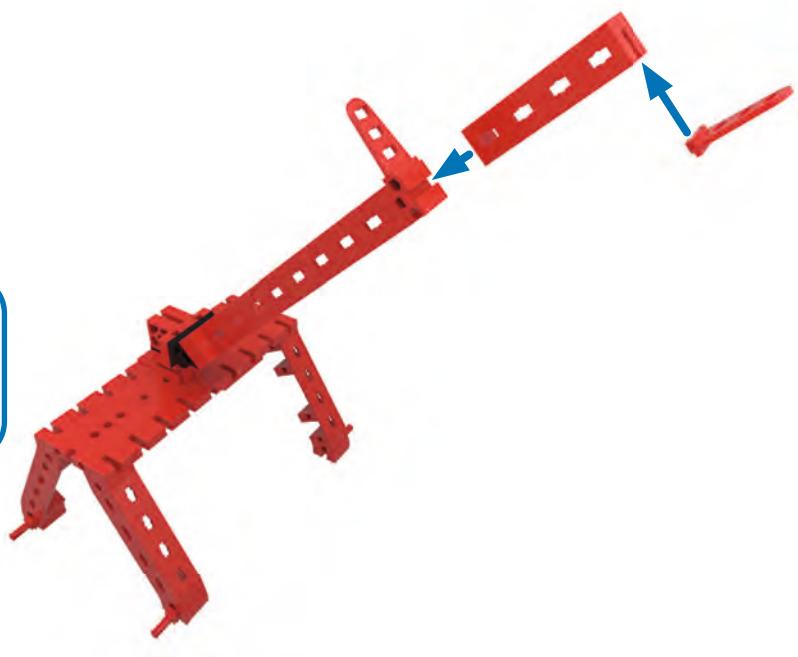
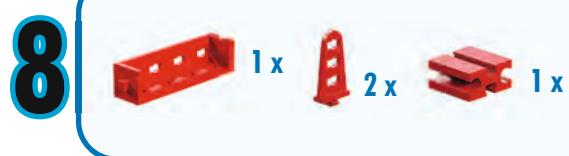
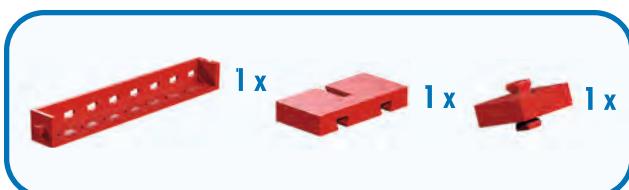


6

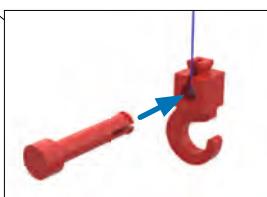




7



9



10



1x



4x

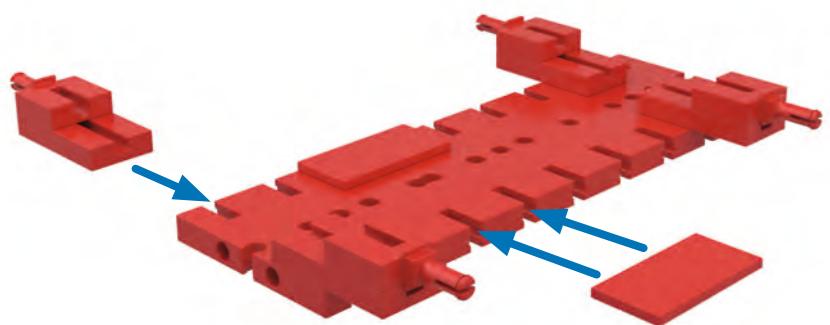
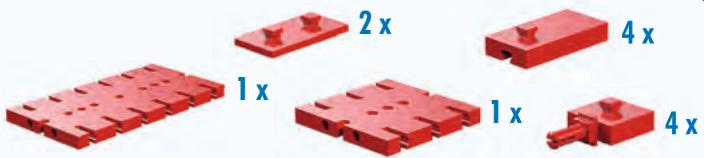


4x

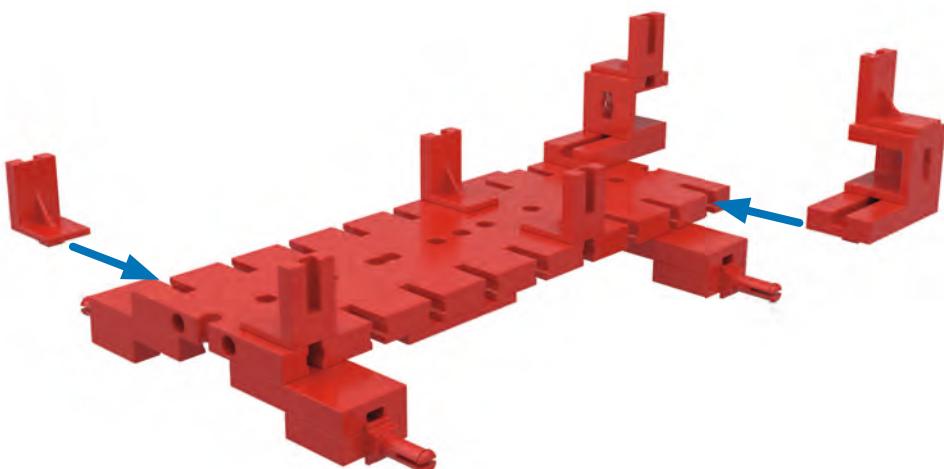




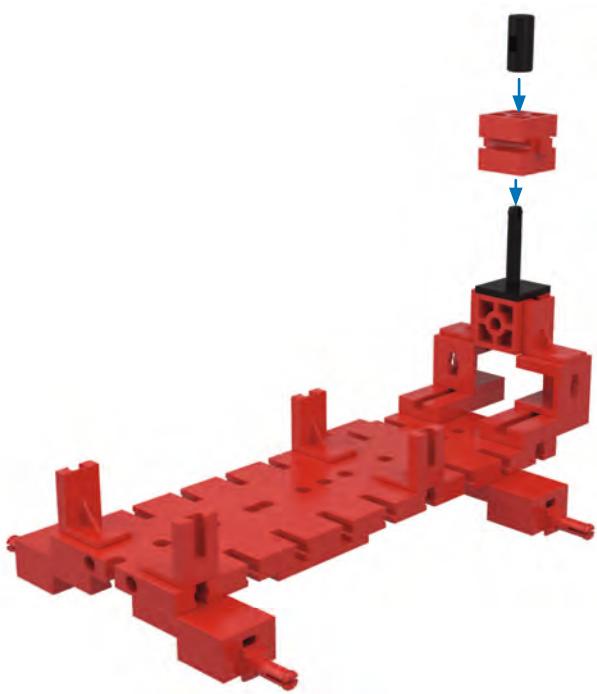
1

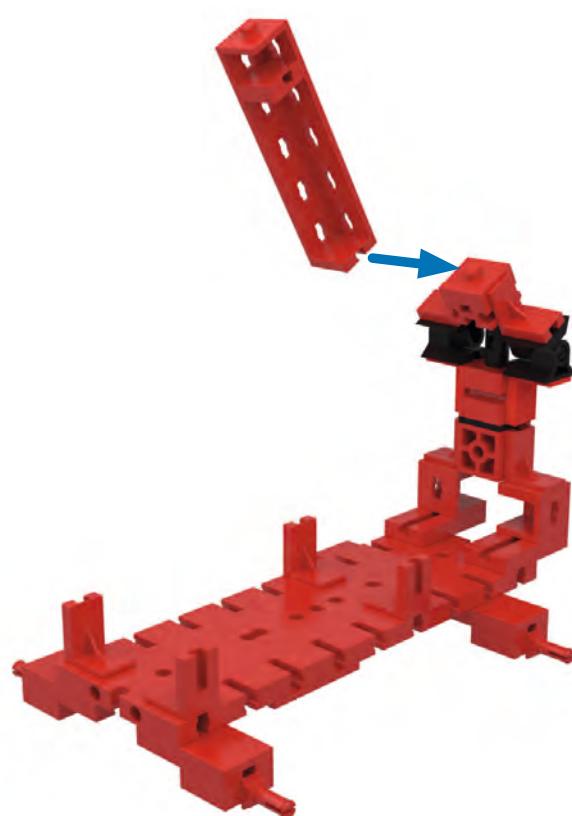
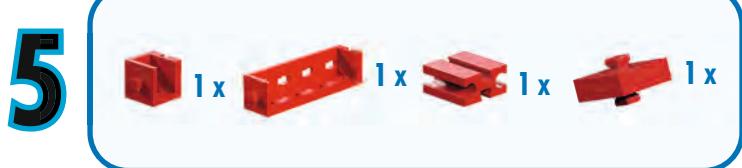
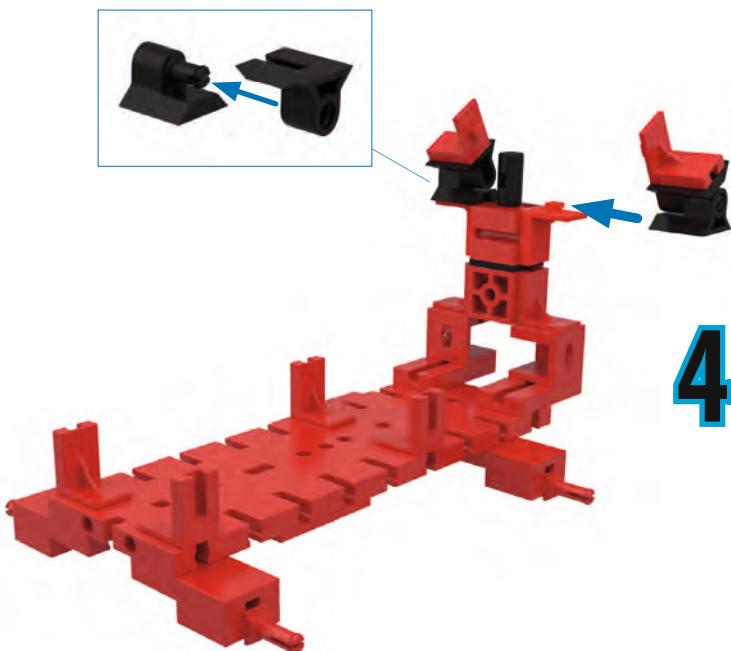


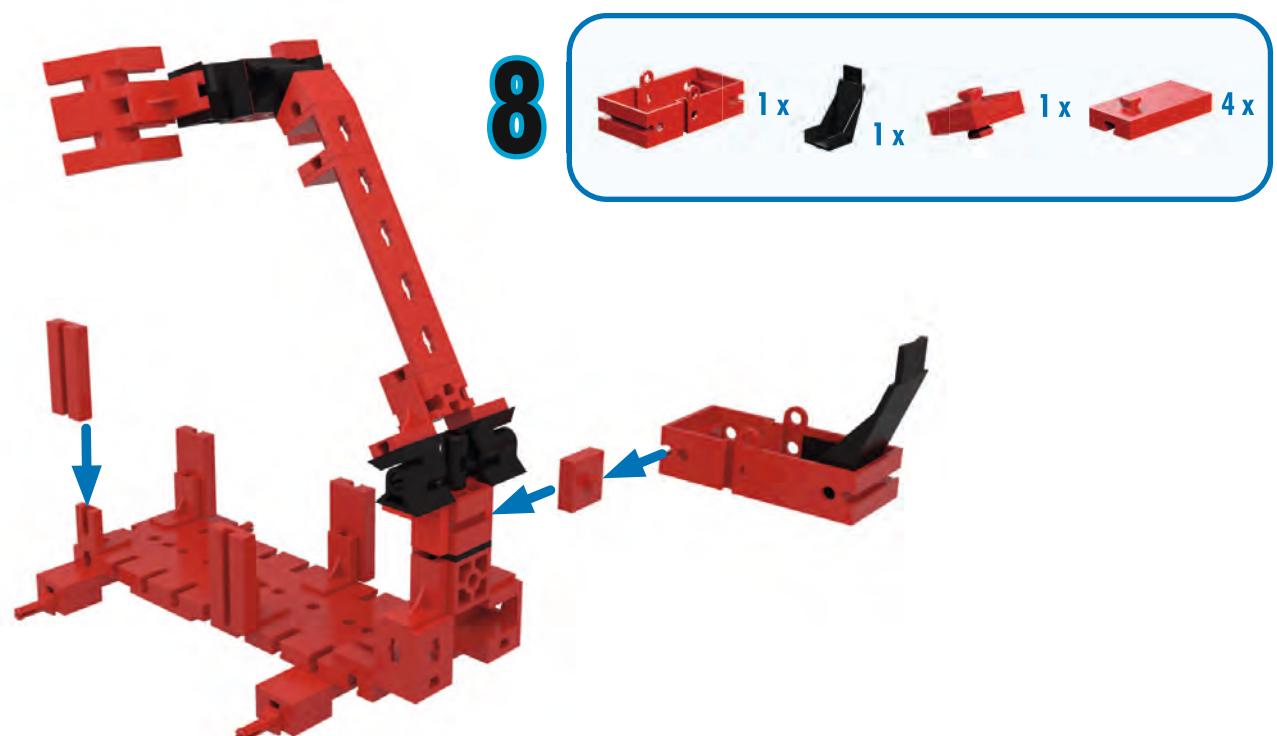
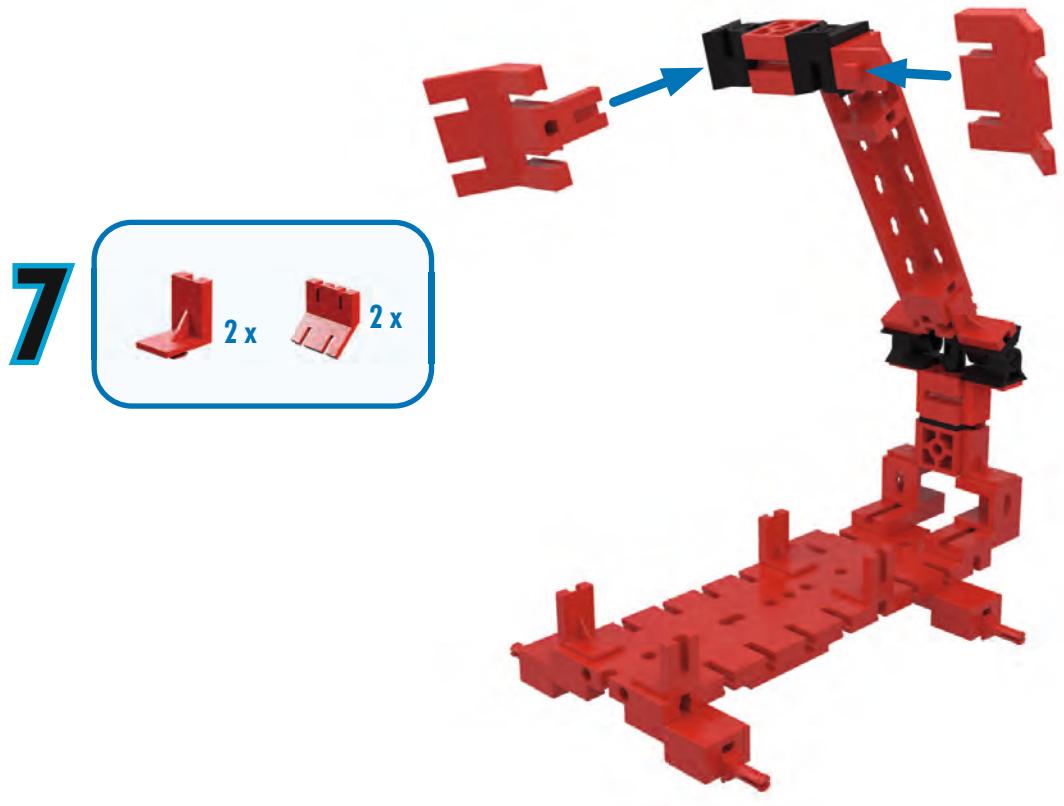
2



3





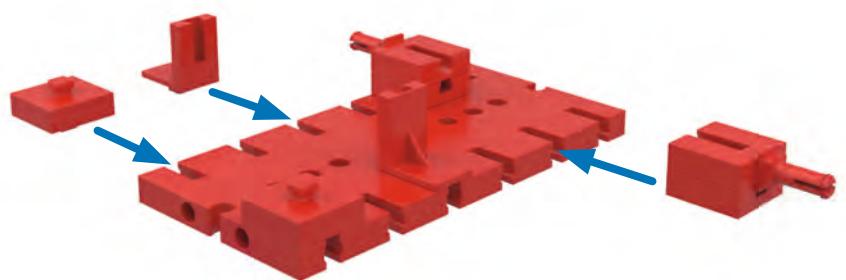
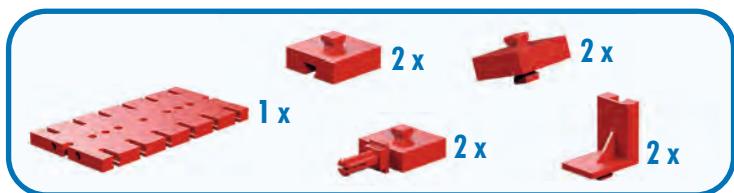


9

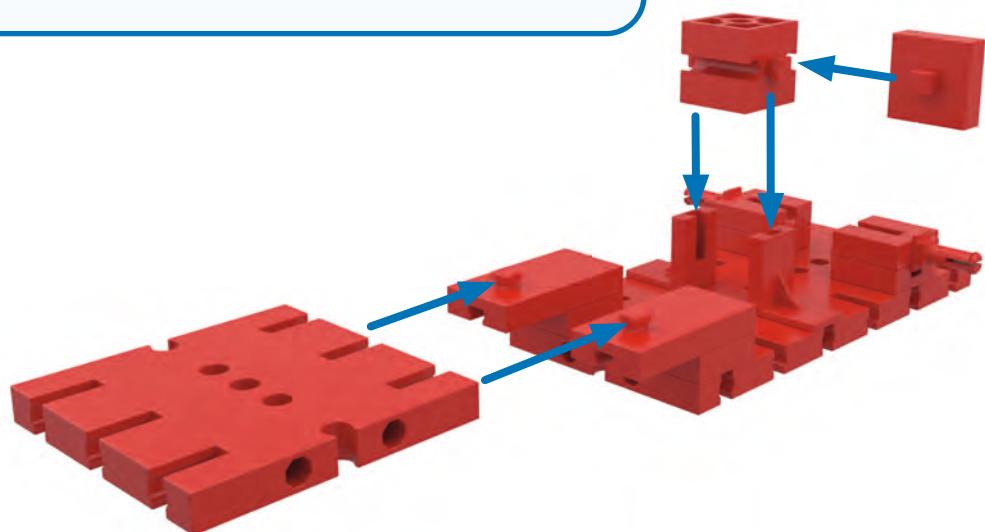




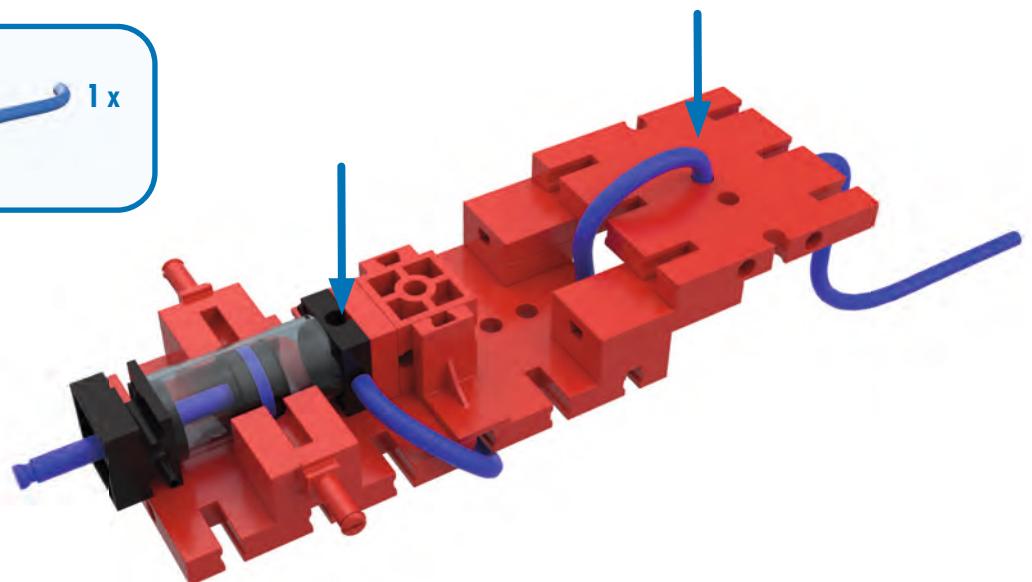
1



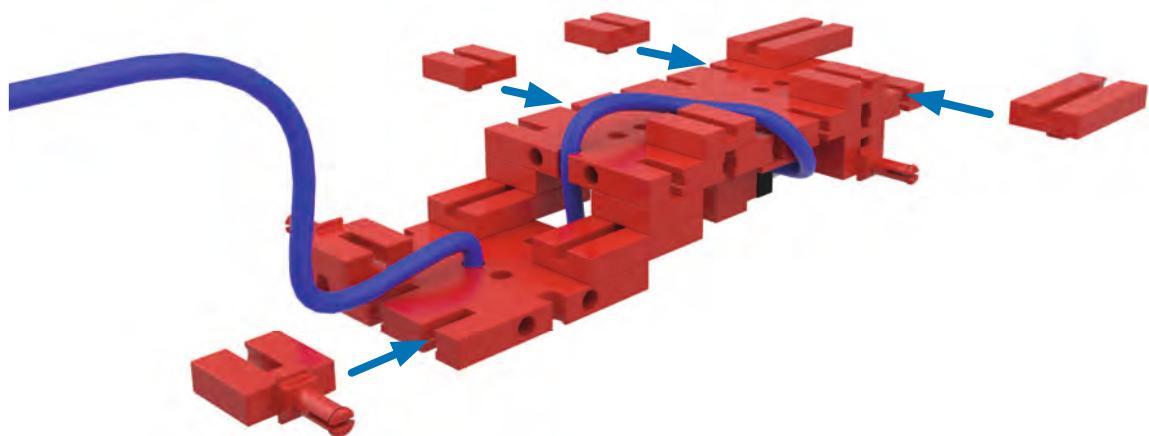
2



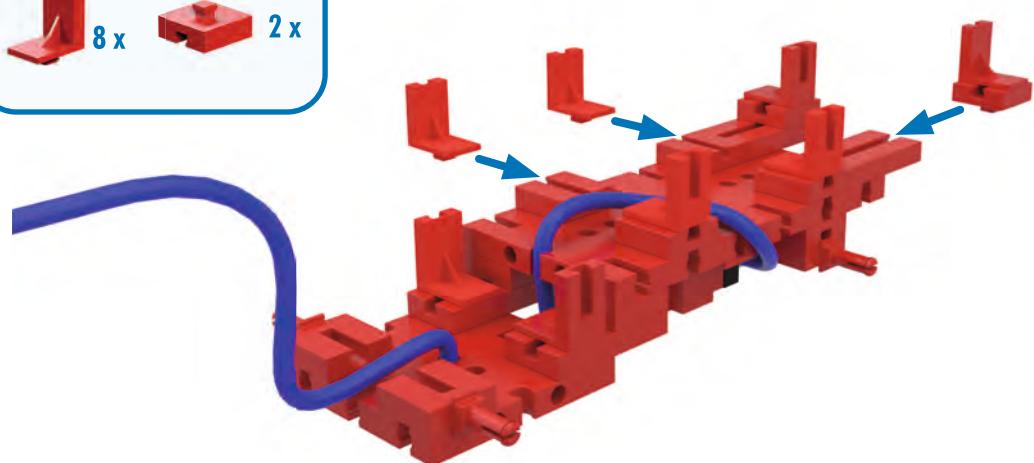
3



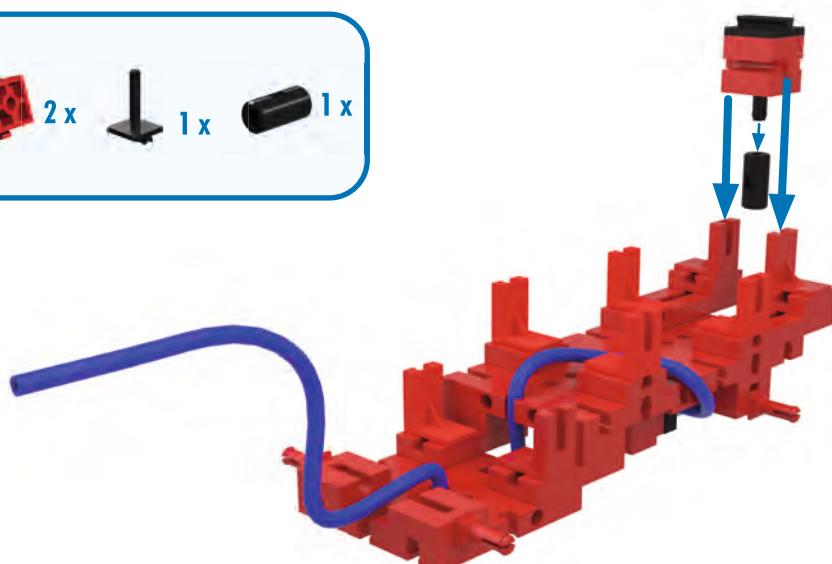
4

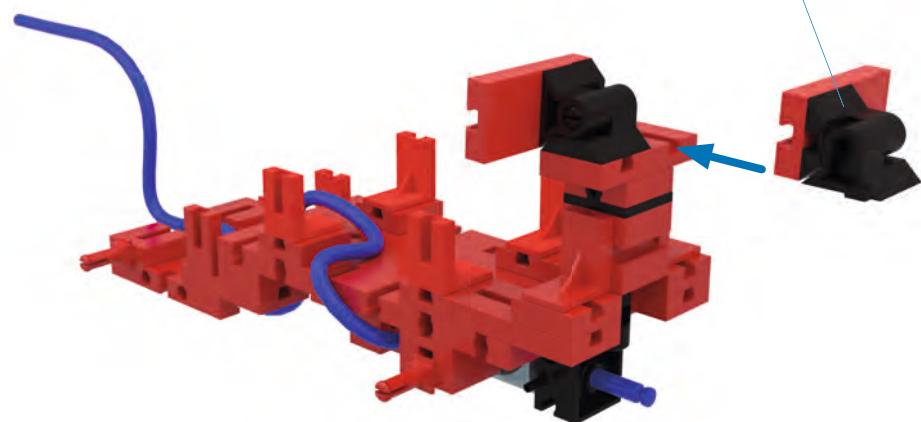
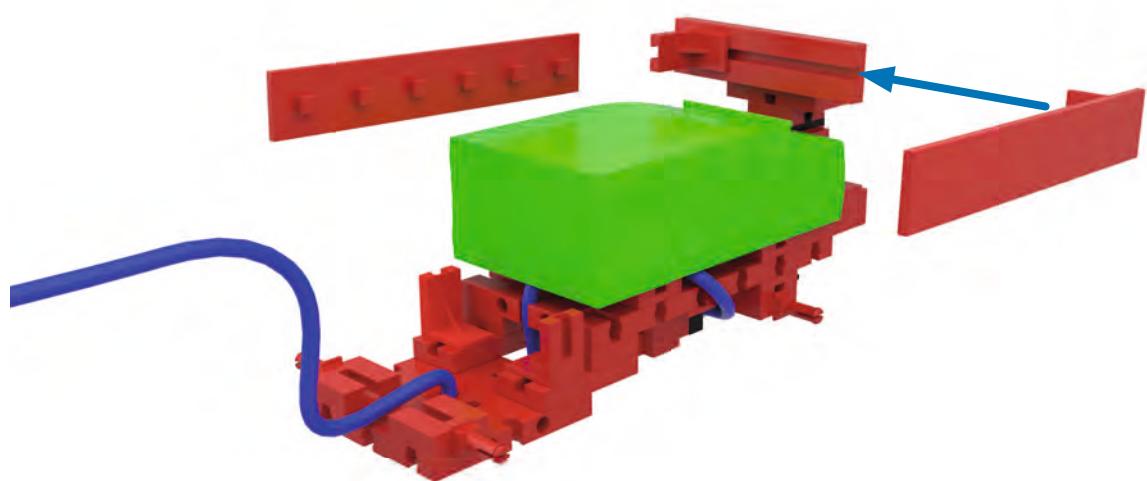


5

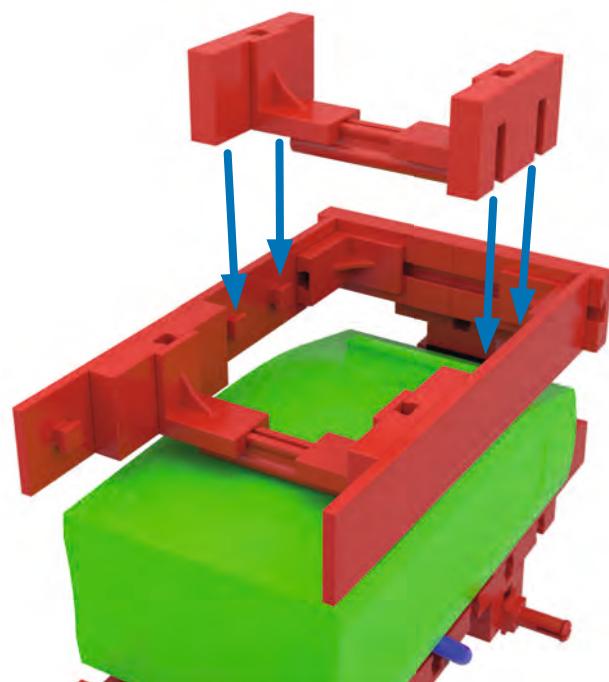


6

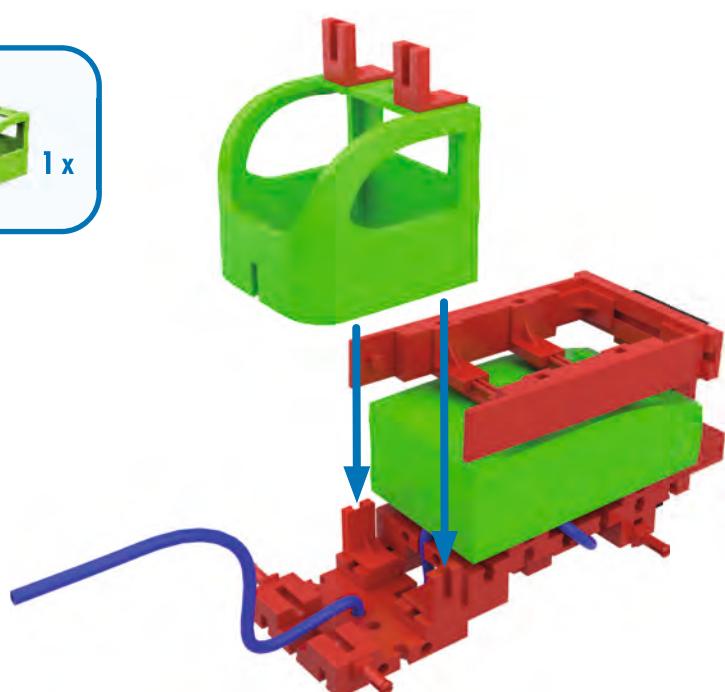


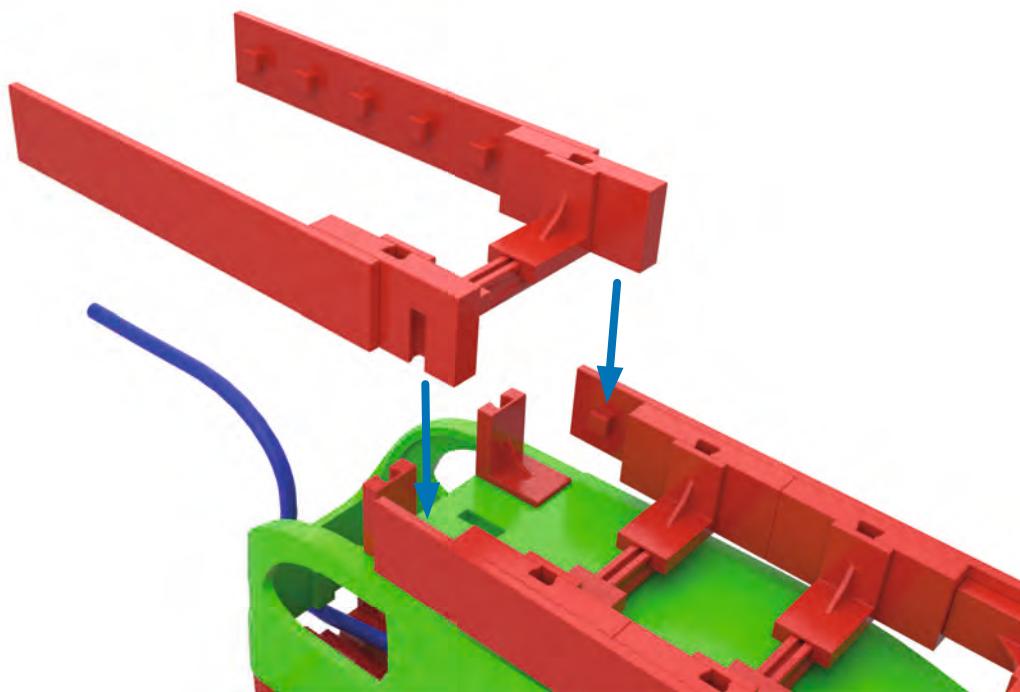
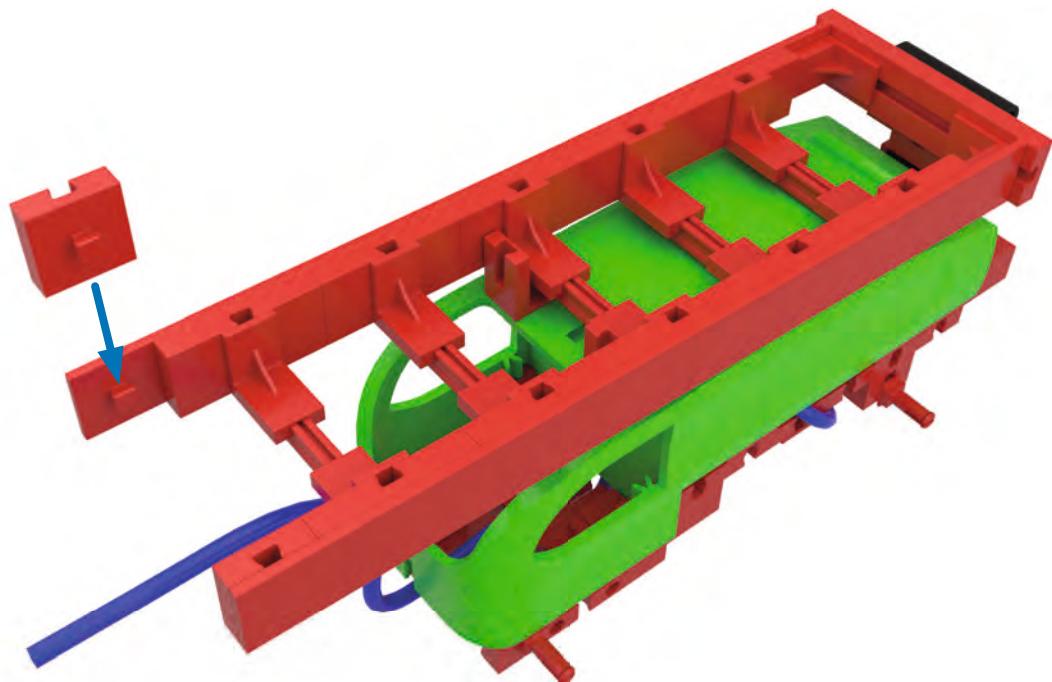
7**8**

9

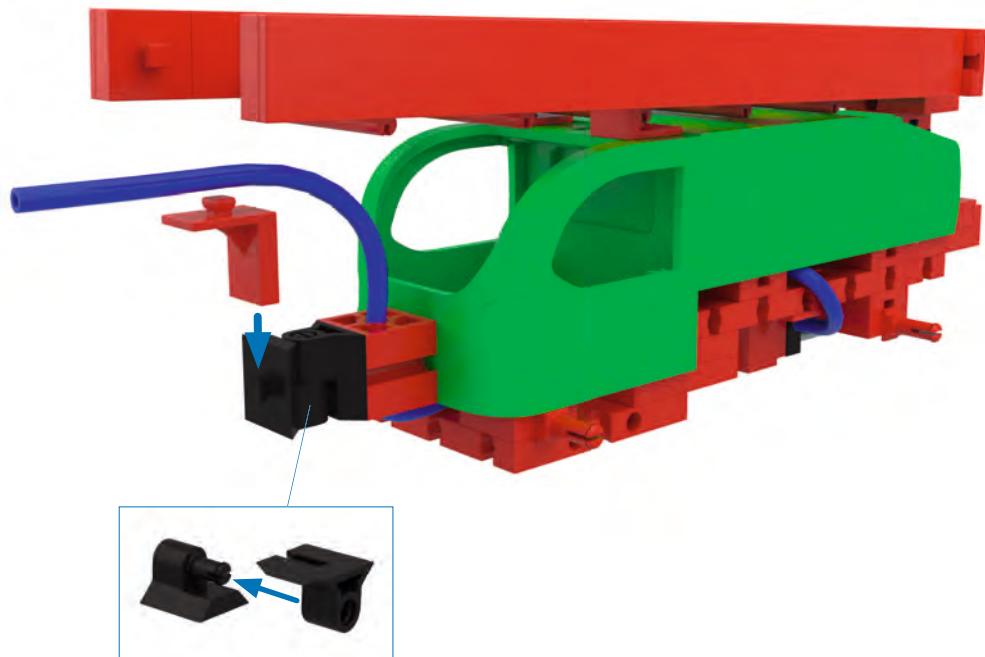


10

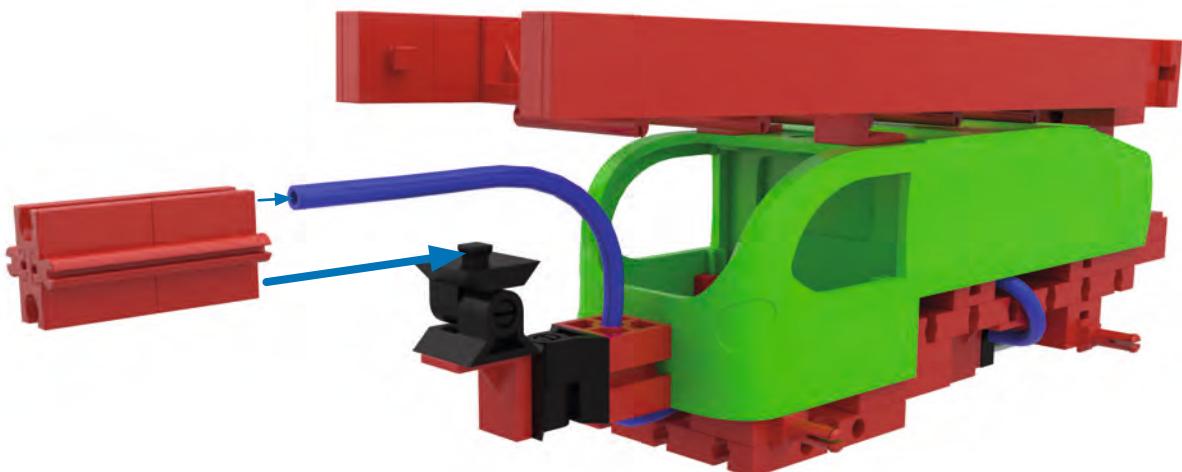


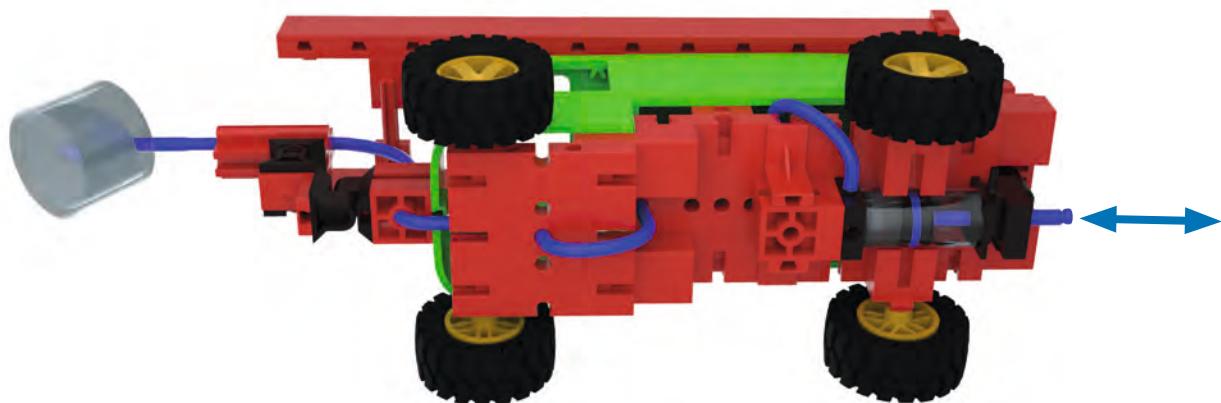
11**12**

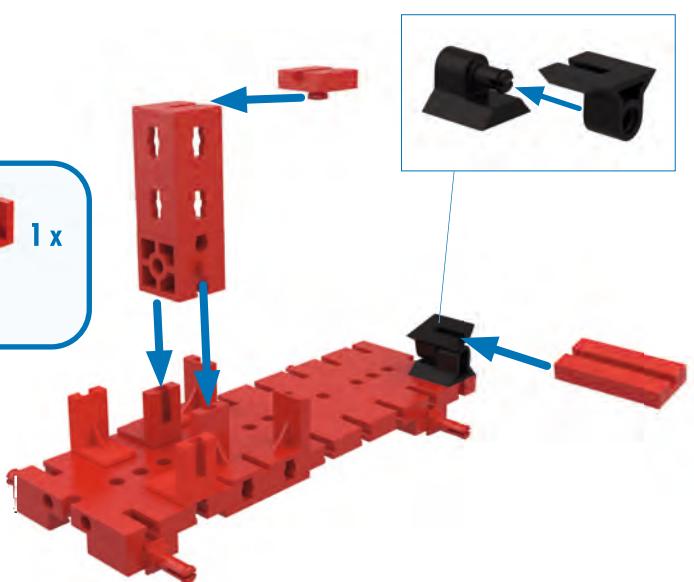
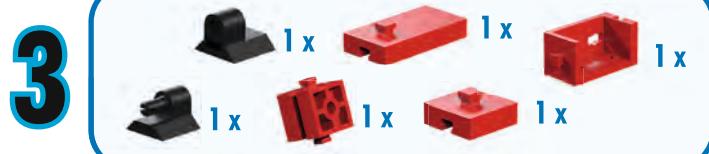
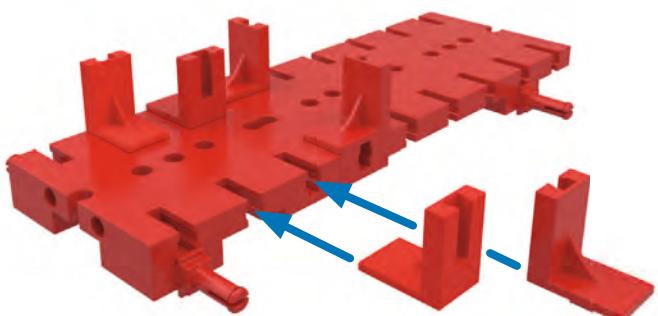
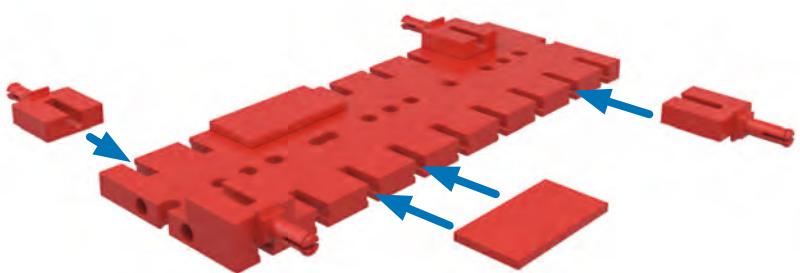
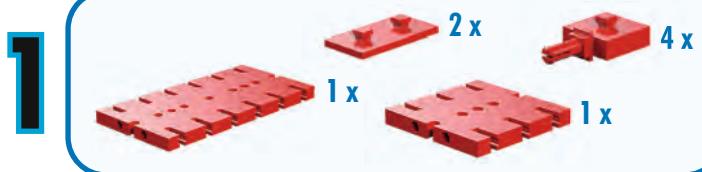
13

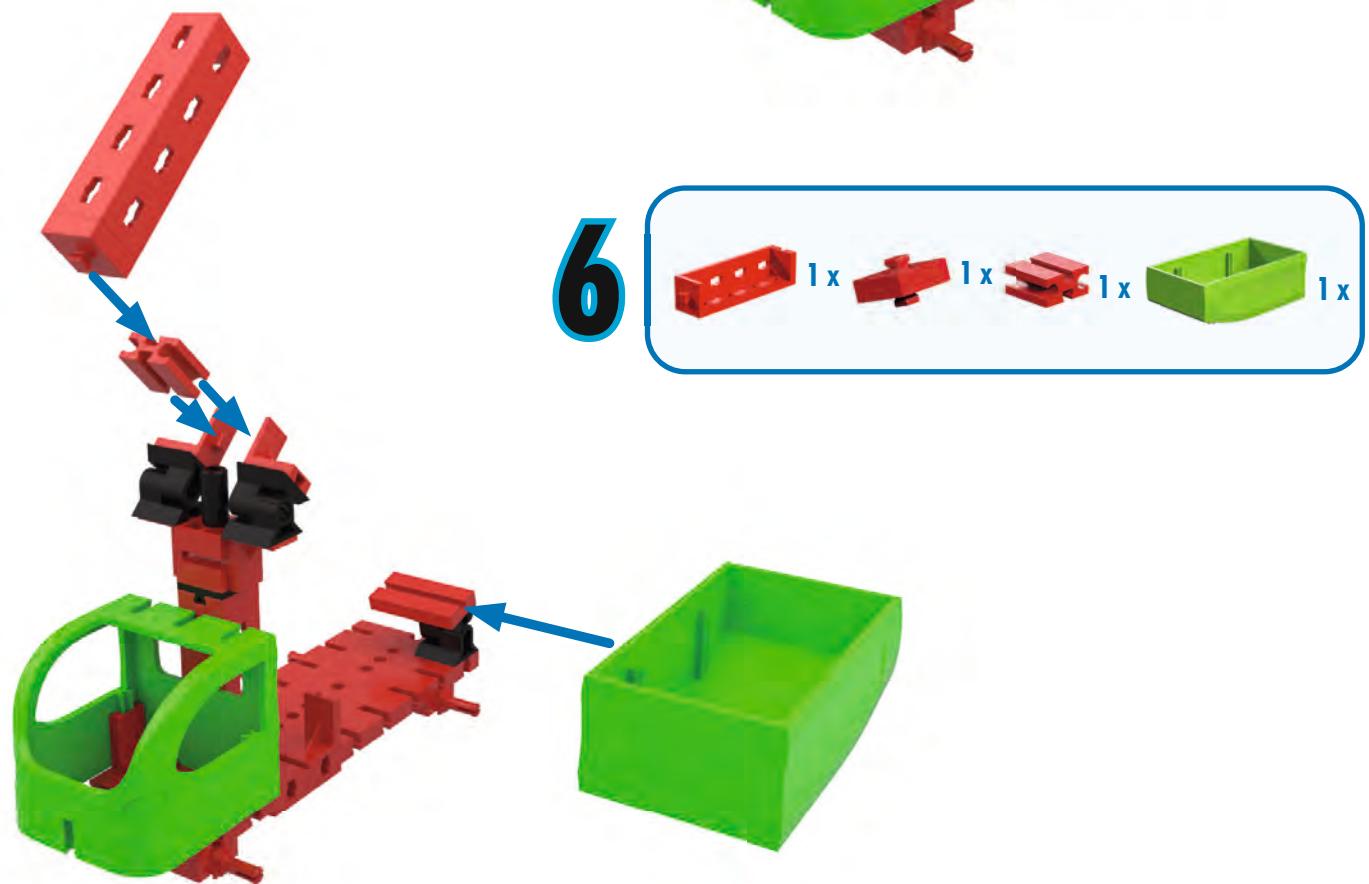
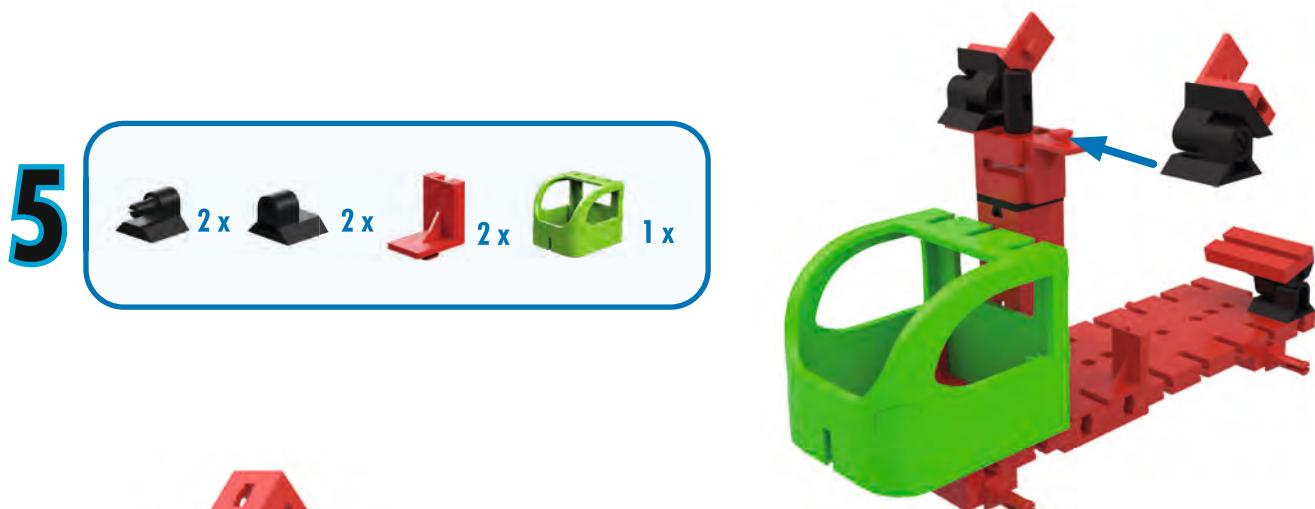
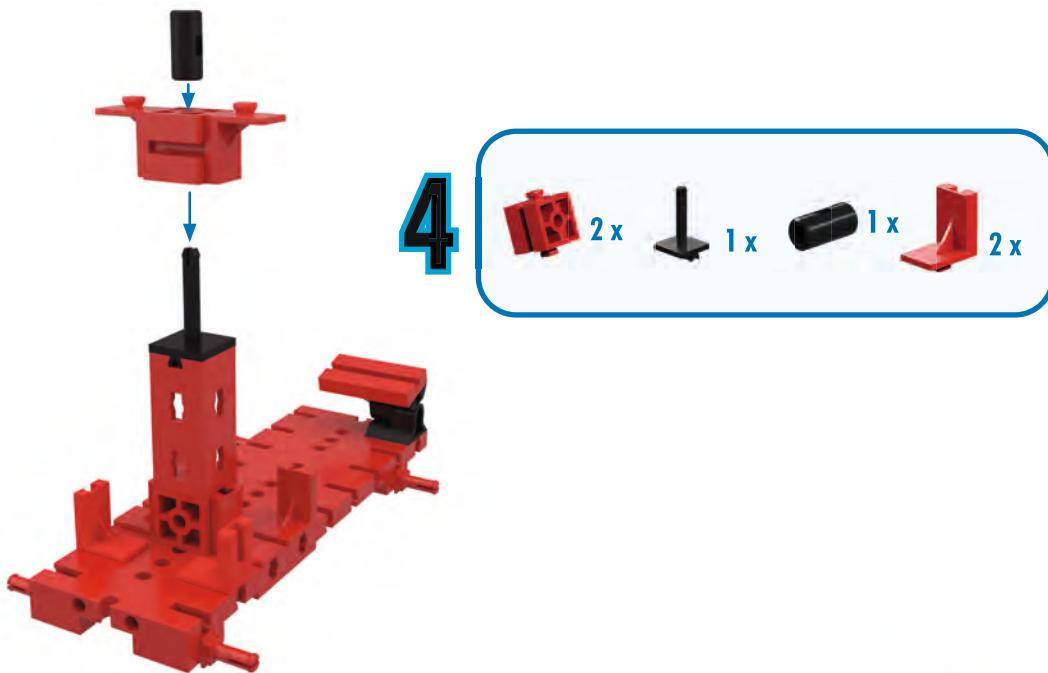


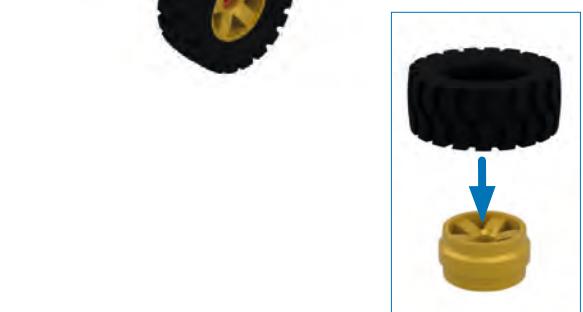
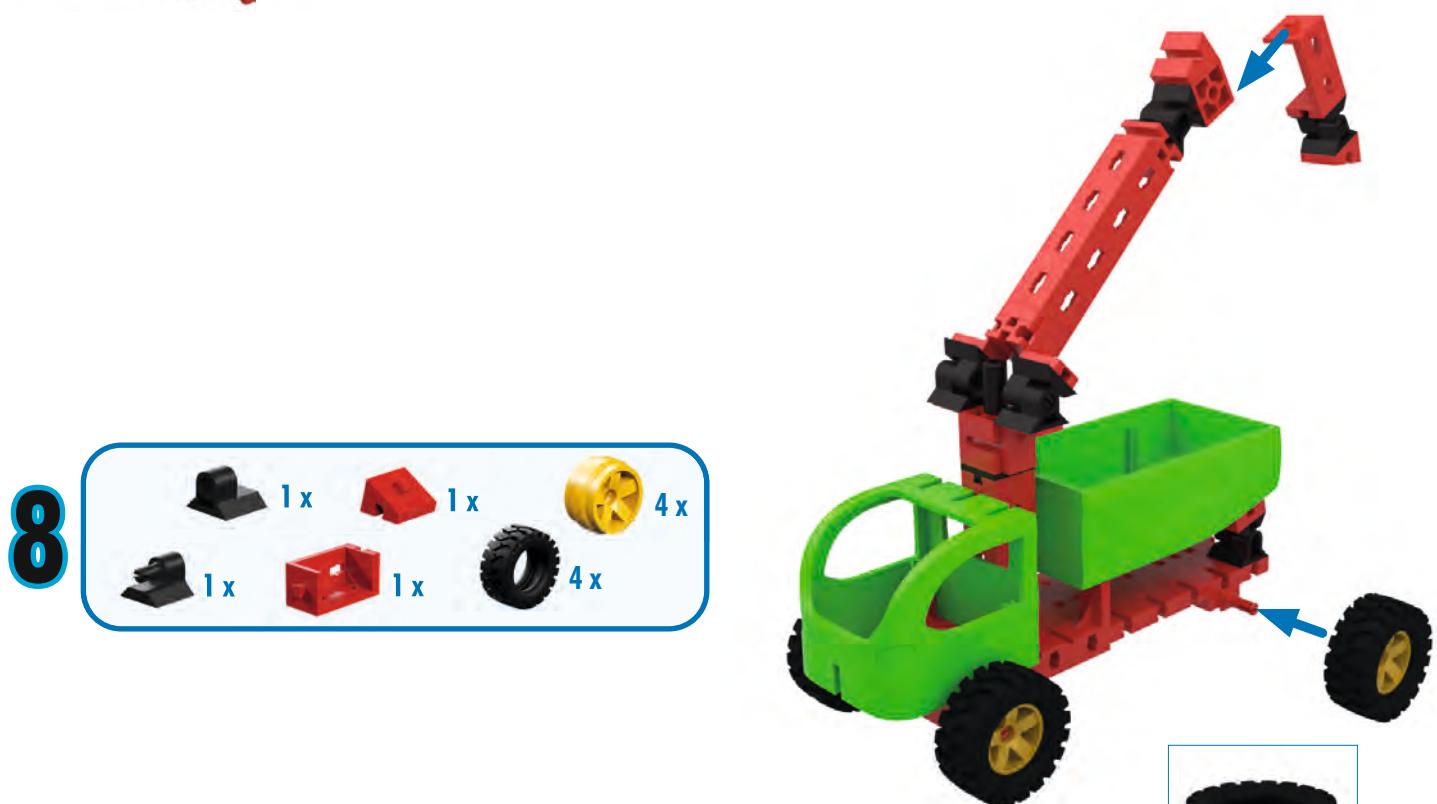
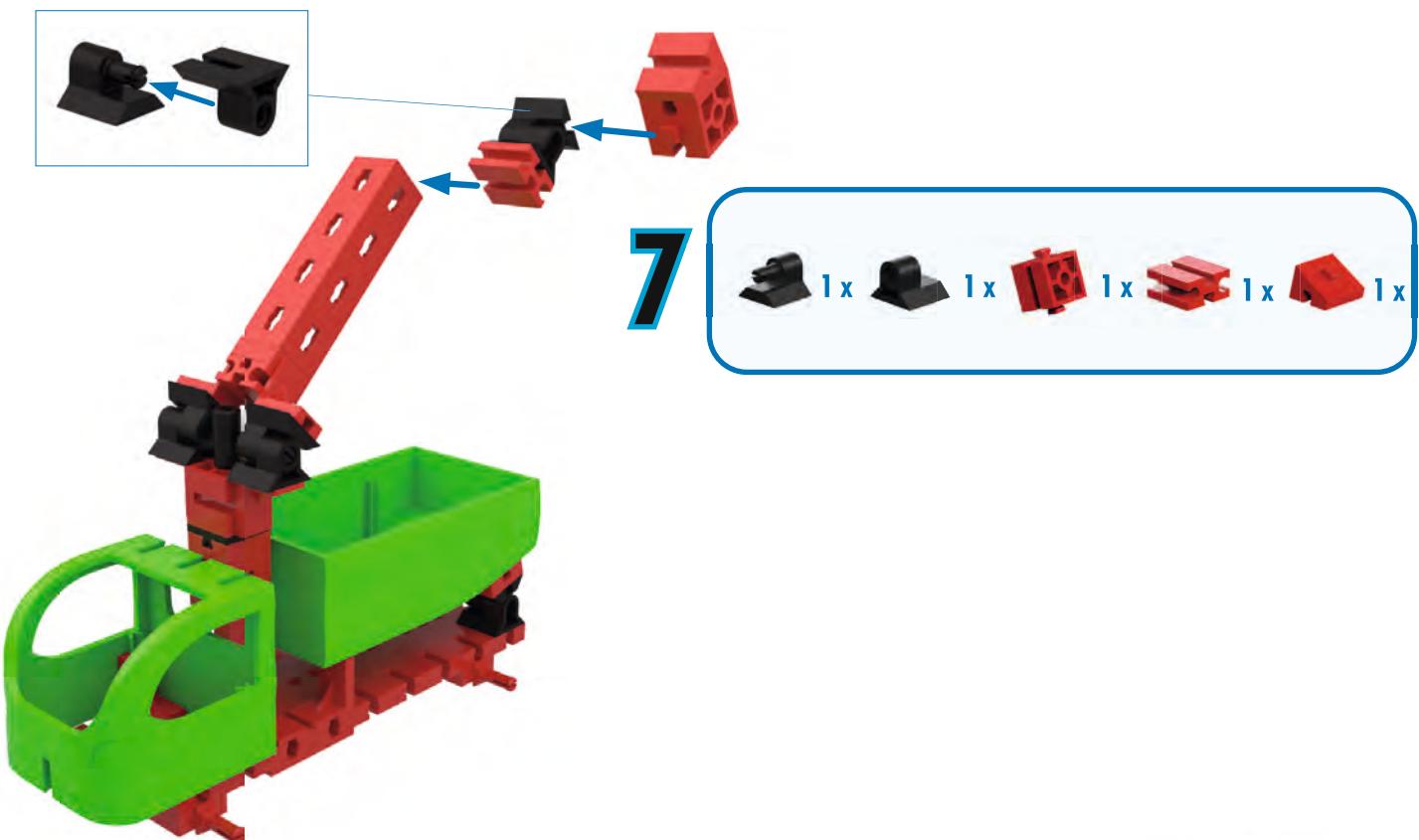
14

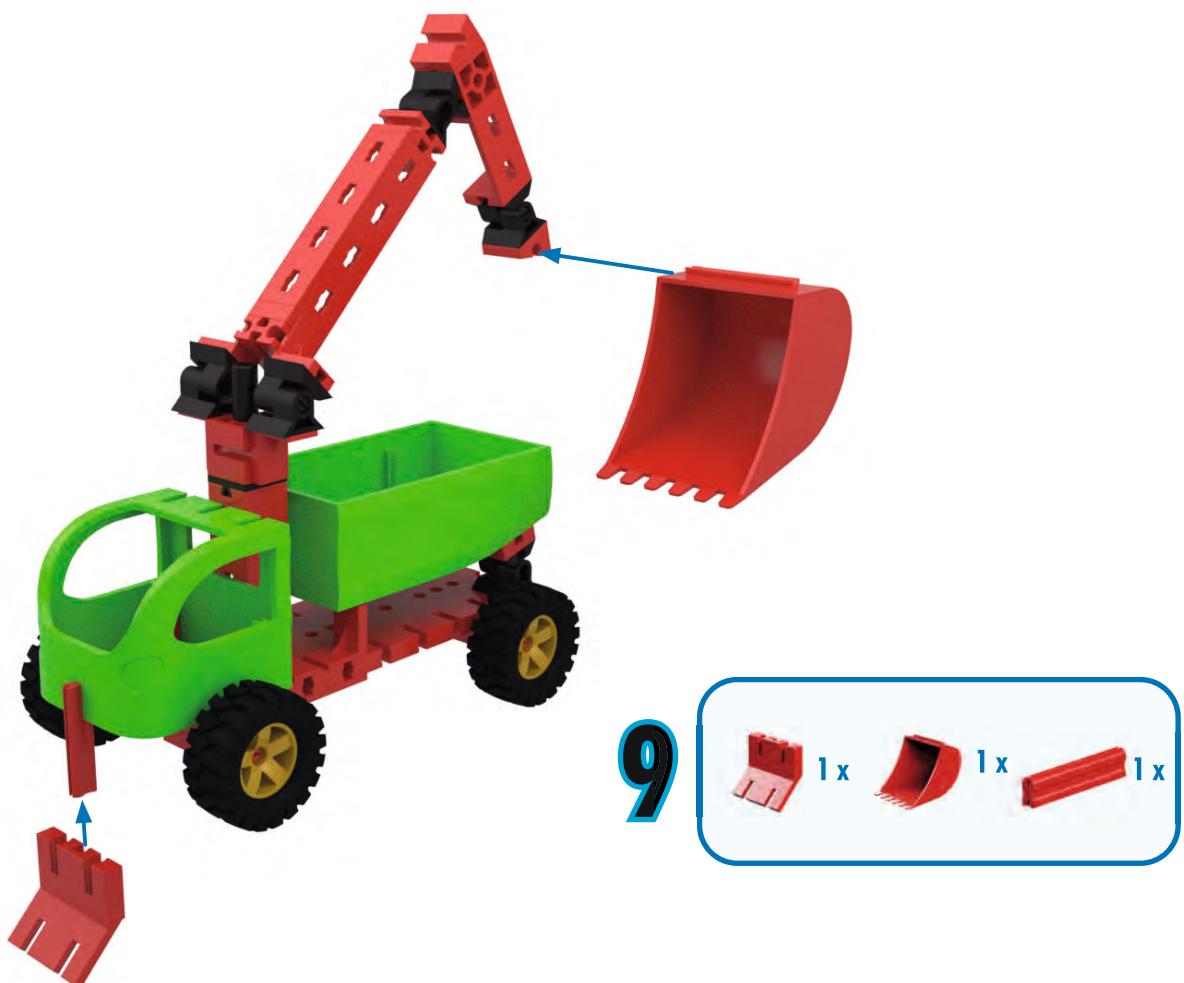


15













- Werde Mitglied im kostenlosen fischertechnik Fan Club und nutze die Vorteile. Melde dich hierzu einfach unter www.fischertechnik.de/FanClub an.
- Become a member of the free fischertechnik fan club and take advantage of the benefits. Simply register at www.fischertechnik.de/FanClub
- Deviens membre du Fan club fischertechnik gratuit et profite de nombreux avantages. Il suffit de t'inscrire sur www.fischertechnik.de/FanClub.
- Word lid van de gratis fischertechnik Fan Club en maak gebruik van de voordelen. Meldt u hiervoor aan op www.fischertechnik.de/FanClub.
- Hazte miembro del club de aficionados gratuito de fischertechnik y disfruta de todas las ventajas. Regístrate en www.fischertechnik.de/FanClub.
- Torne-se um membro do fã-clube gratuito da Fischertechnik aproveite-a. Basta registrar-se em www.fischertechnik.de/FanClub.
- Diventa membro del fan club gratuito di fischertechnik e sfrutta tutti i vantaggi. Basta registrarsi a www.fischertechnik.de/FanClub.
- Стать членом бесплатного фан-клуба fischertechnik и пользоваться преимуществами. Для этого просто зарегистрируйся по адресу www.fischertechnik.de/FanClub.
- 免费加入慧鱼粉丝俱乐部 (fischertechnik Fan Club) 会员，即刻享受会员福利。只需前往 www.fischertechnik.de/FanClub 完成注册即可。