



# 創意積木組

## CREATIVE CUBE

FUN LAB



# 1260

314 PCS

7+

知識來自於經驗

KNOWLEDGE COMES

FROM EXPERIENCE ALONE

**40** MODELS  
TO BUILD



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各位小朋友，歡迎你加入 Gigo 智高的 FUN LAB 積木實驗室。

在 FUN LAB 積木實驗室中有許多的智高積木，這些形色多樣的積木，它們能重複使用，做出千萬種變化，同時還能省時省力，是我們接下來要進行一連串有趣好玩實驗的最佳幫手哦！在我們親手組裝及操作積木的過程中，不僅能夠體會組裝創作的樂趣，還能夠學習到許多知識，例如色彩搭配的美學、簡單機械的原理、綠色能源的應用、科技積木的體驗、創意機關的製作……等。而且，我們還可以和好朋友團隊合作，加入自己的想法，激發創意，打造出獨一無二的積木模型。跟隨我們在這座實驗室裡一步一步地探索，快樂地學習各種知識，除了能培養我們正確的學習態度及解決問題的能力，更能將這些知識活用於日常生活，進而學習創新的技巧與能力。

看到這裡，相信各位小朋友都已經迫不及待了，那麼，就讓我們一起進入充滿樂趣的 FUN LAB 積木實驗室吧！

Hello, everybody. Welcome to join Gigo's FUN LAB laboratory.

There are many intellectual cubes in FUN LAB laboratory, these blocks are able to be reused to make millions changes in several colors and also save time and save power, which it's the best helper while you build block during experiments.

While you build and manipulate blocks, you can also experience the fun with creation, as well as learning a lot of knowledge, such as aesthetics of color, simple mechanical principles, applications of green energies, sciences & technologies and so on.

Moreover, you and your friends are able to arrange a teamwork that you all can exchange ideas, do problem solving, and put your thoughts into your creation to create a unique model by your own. In addition to learn all kinds of knowledge, and also follow with us step by step to explore fun in this laboratory.

Besides to cultivate the right attitude of learning and problem-solving skills, you can also learn the ability of innovation and be good at using the knowledge in daily life.

Up to now, we believe you can't wait to have fun with us, then, let us enter the building blocks FUN LAB laboratory to have some fun. Let 's go!



## 零件表

## Parts List



1

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



2

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



3

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



4

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



5

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



6

B-6凹正方顆粒  
B-6 HOLE CUBE  
x5



13

B-上弦顆粒  
B-CONVEX  
x10



14

B-上弦顆粒  
B-CONVEX  
x10



15

B-上弦顆粒  
B-CONVEX  
x10



16

B-上弦顆粒  
B-CONVEX  
x10



17

B-上弦顆粒  
B-CONVEX  
x10



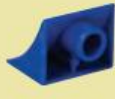
18

B-上弦顆粒  
B-CONVEX  
x10



25

B-下弦顆粒  
B-CONCAVE  
x5



26

B-下弦顆粒  
B-CONCAVE  
x5



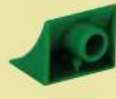
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B-下弦顆粒  
B-CONCAVE  
x5



28

B-下弦顆粒  
B-CONCAVE  
x5



29

B-下弦顆粒  
B-CONCAVE  
x5



30

B-下弦顆粒  
B-CONCAVE  
x5



34

B-短結合鍵  
B-SHORT PEG  
x20



35

C-自轉軸鍵  
C-AXLE  
x10



36

C-軸扣鍵  
C-AXLE CONNECTOR  
x10



37

B-中心眼珠  
B-EYE-1  
x4



38

B-關節顆粒  
B-JOINT  
x2



41

C-OD56mm橡膠圈  
C-OD56 O-RING  
x2



42

C-OD53mm滑輪  
C-OD53 PULLEY  
x2



43

C-60T齒輪  
C-60T GEAR  
x2



44

C-40T齒輪  
C-40T GEAR  
x2



45

C-20T齒輪  
C-20T GEAR  
x4





7

B-正方顆粒  
B-CUBE  
x10



8

B-正方顆粒  
B-CUBE  
x10



9

B-正方顆粒  
B-CUBE  
x10



10

B-正方顆粒  
B-CUBE  
x10



11

B-正方顆粒  
B-CUBE  
x10



12

B-正方顆粒  
B-CUBE  
x10



19

B-三角顆粒  
B-TRIANGLE  
x10



20

B-三角顆粒  
B-TRIANGLE  
x10



21

B-三角顆粒  
B-TRIANGLE  
x10



22

B-三角顆粒  
B-TRIANGLE  
x10



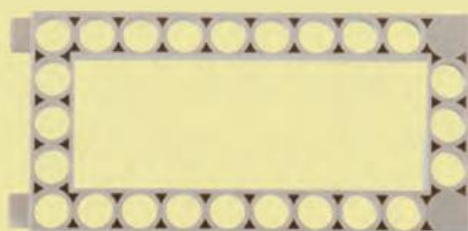
23

B-三角顆粒  
B-TRIANGLE  
x10



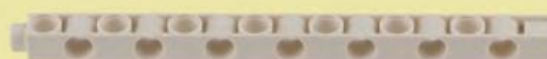
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B-三角顆粒  
B-TRIANGLE  
x10



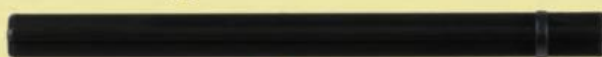
31

C-5x10孔長方框  
C-5X10 FRAME  
x2



32

C-15孔超長條  
C-15 HOLE DUAL ROD  
x2



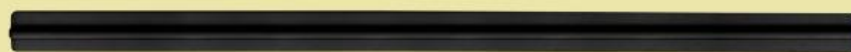
39

C-100mm III軸  
C-100mm AXLE III  
x2



33

B-扳手  
B-PEG REMOVER  
x1



40

C-150mm I軸  
C-150mm AXLE I  
x2



46

C-曲軸  
C-CRANK  
x2



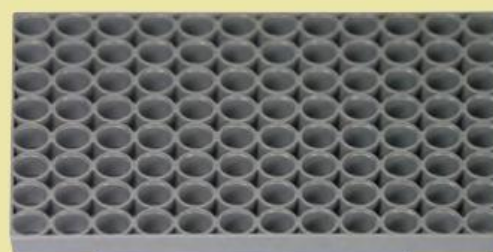
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C-軸轉接器  
C-ROD CONNECTOR  
x2



48

C-100mm橡皮筋  
C-100mm RUBBER BAND  
x2

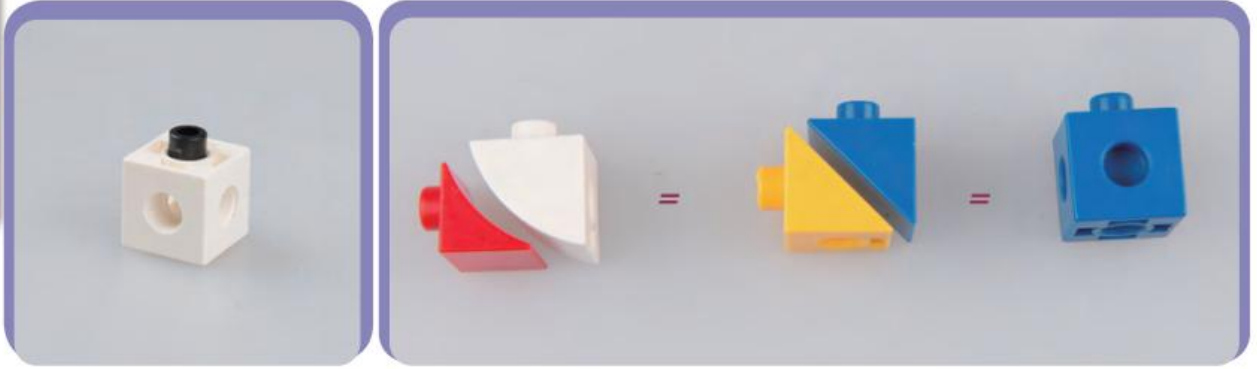


49

C-8x12底盤  
C-BASE GRID  
x1

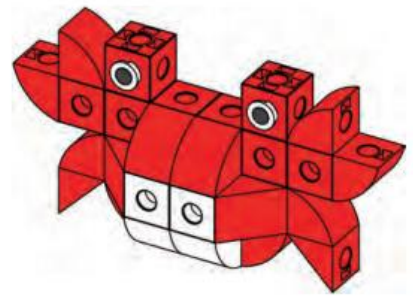
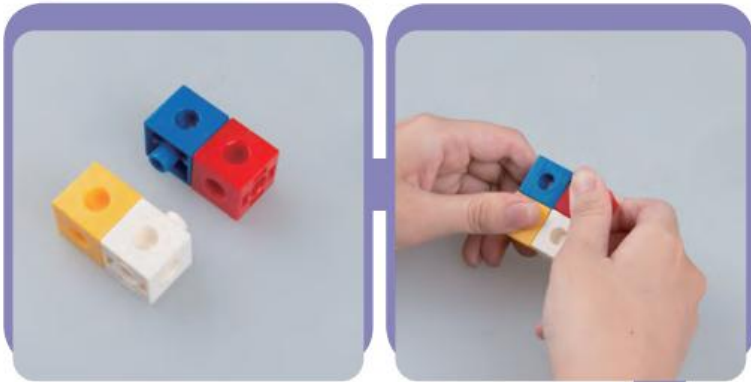
**正方顆粒的製作**

*Different Ways To Make a Cube.*



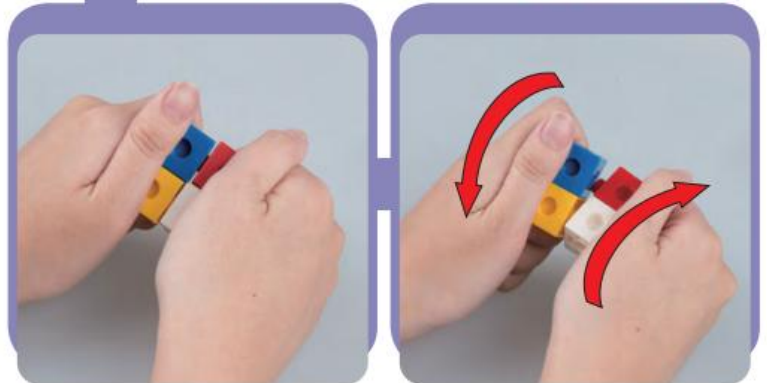
**兩點穩固積木**

*Enhance Stability*



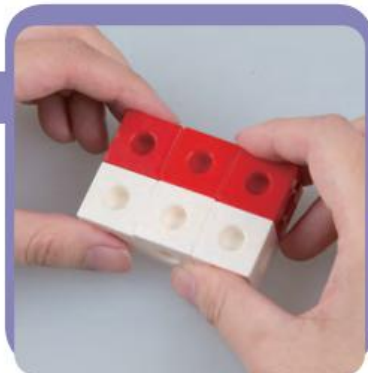
**拆解技巧**

*Dismantle Tip*



**兩點穩固積木**

*Enhance stability*



**拆解技巧**

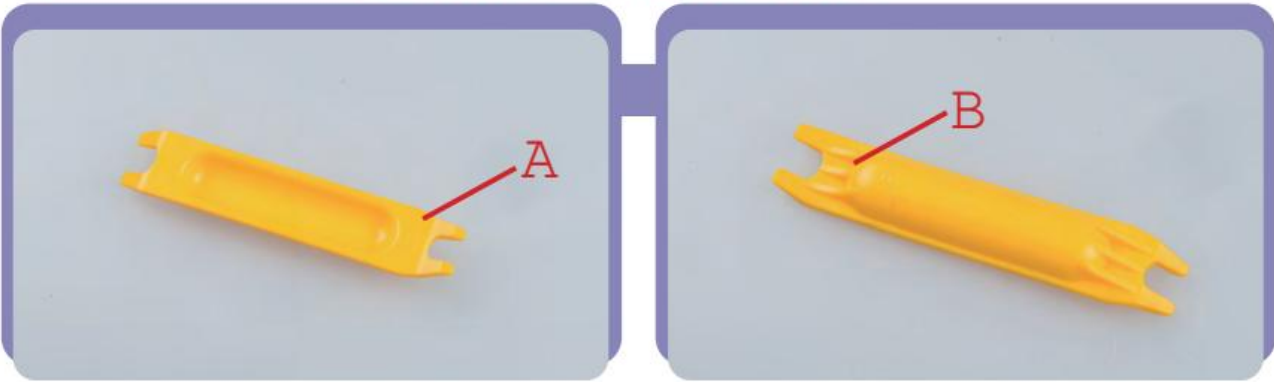
*Dismantle Tip*





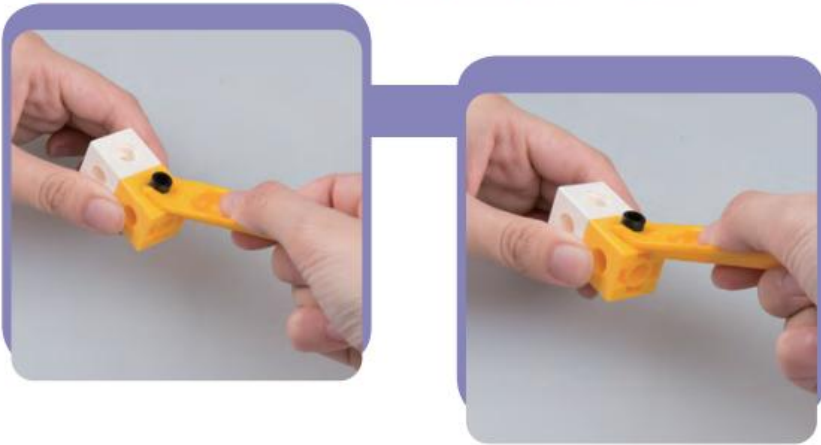
扳手的運用

The Ways To Use The Peg Remover.



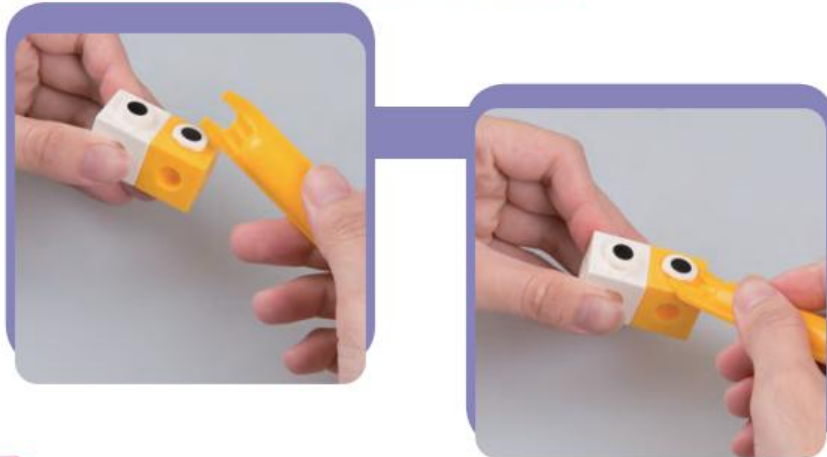
拆解短結合鍵

Dismantle Short Peg(A)



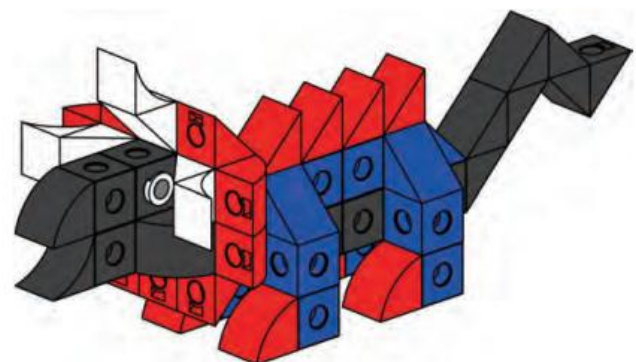
拆解眼睛

Dismantle Eye(B)



拆解自轉軸鍵

Dismantle Axle



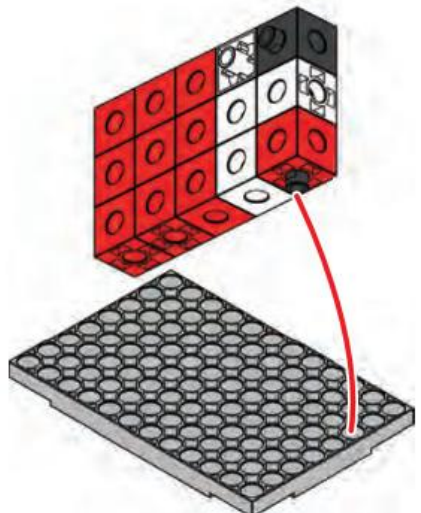
拆除長方框

Dismantle Frame



拆解軸扣鍵

Dismantle Axle Connector



底盤

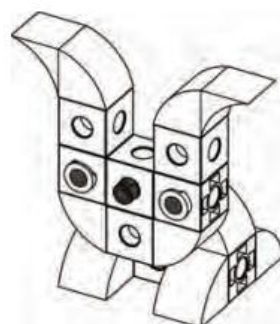
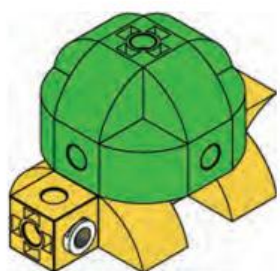
Base Grid





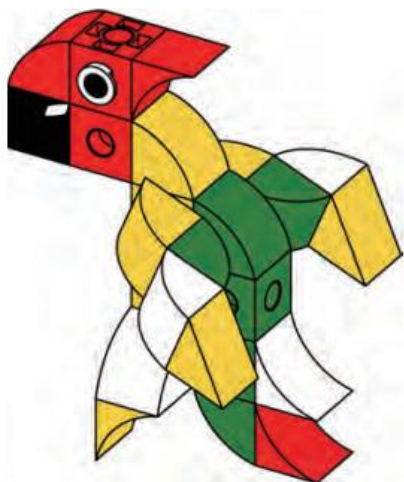
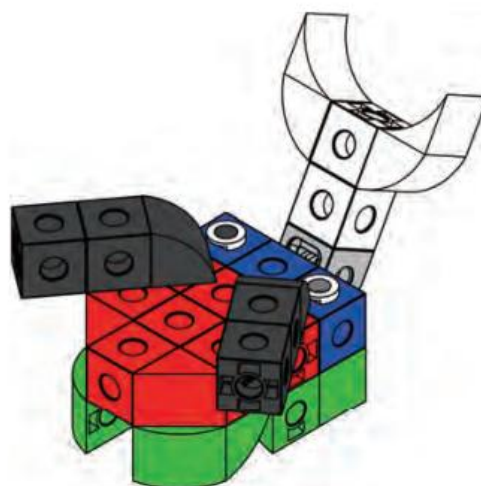
組裝橡膠圈

Assemble O-Ring



可調式組裝關節

Adjustable Joint



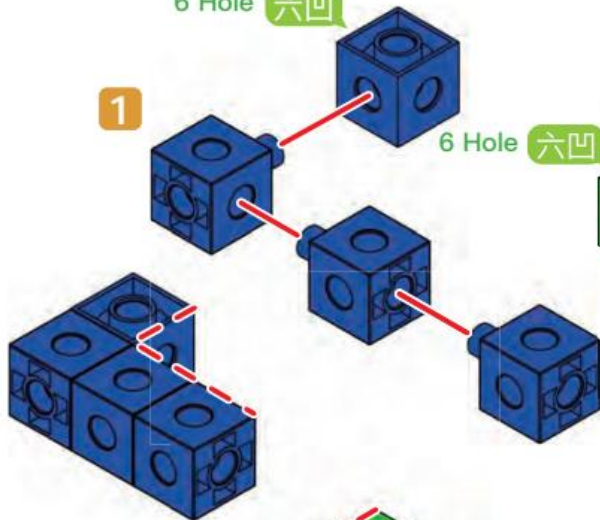
## 長方拼圖

## 3D Puzzle

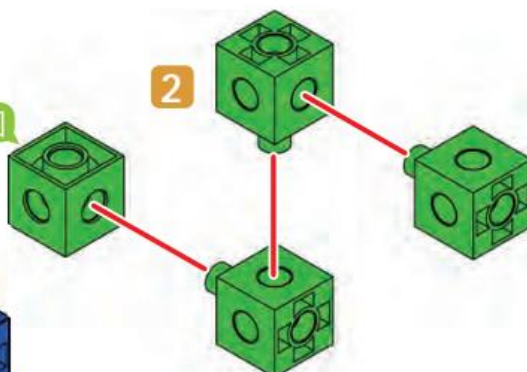


6 Hole 六凹

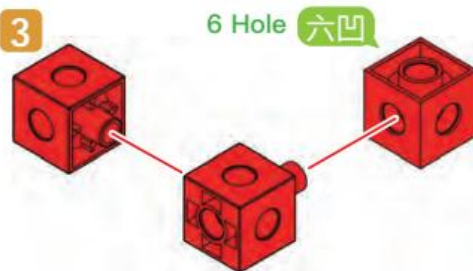
1



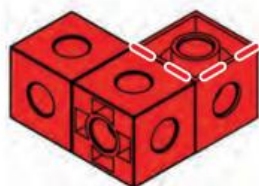
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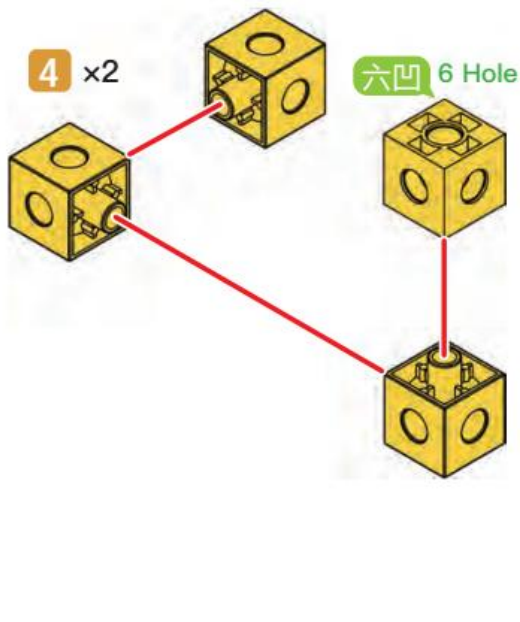
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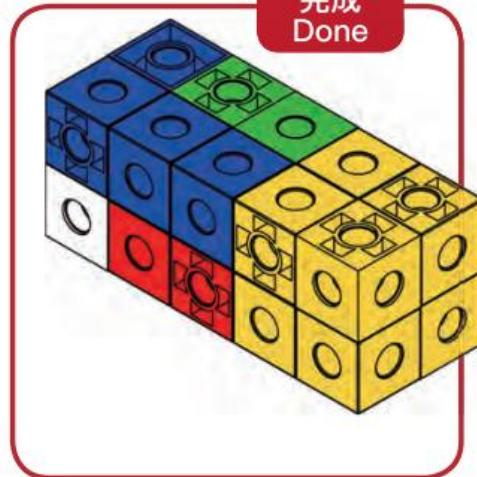
6 Hole 六凹



4 x2



完成  
Done

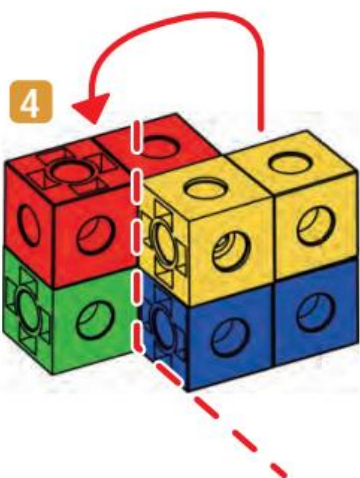
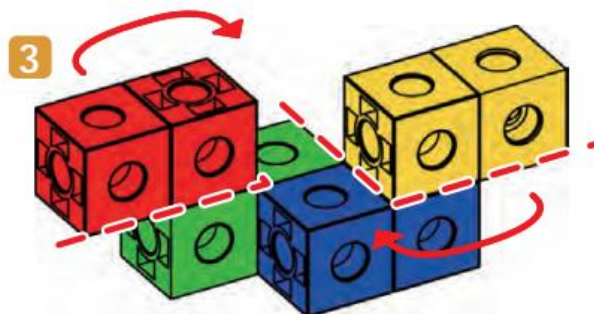
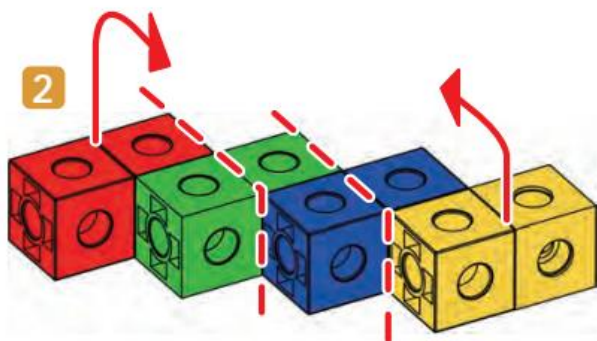
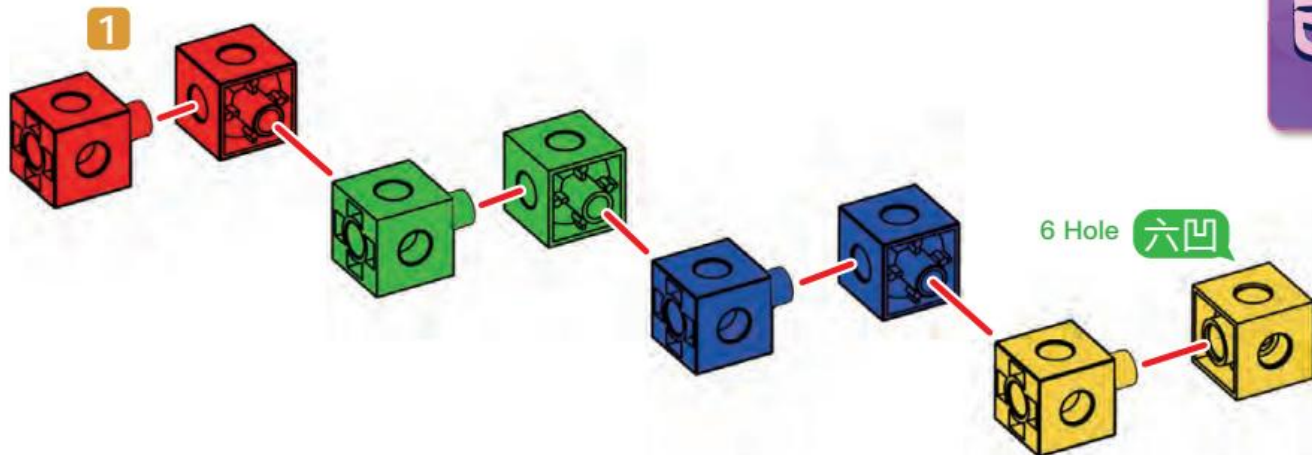




## 旋轉方塊

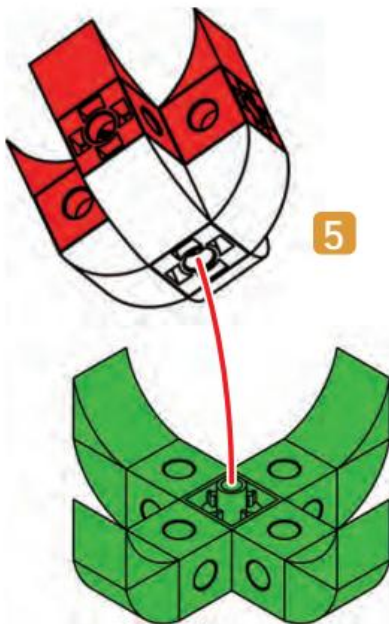
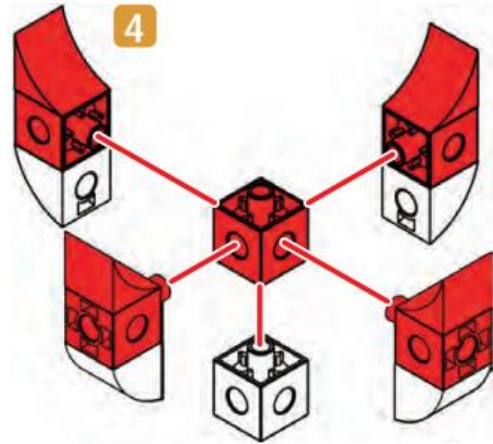
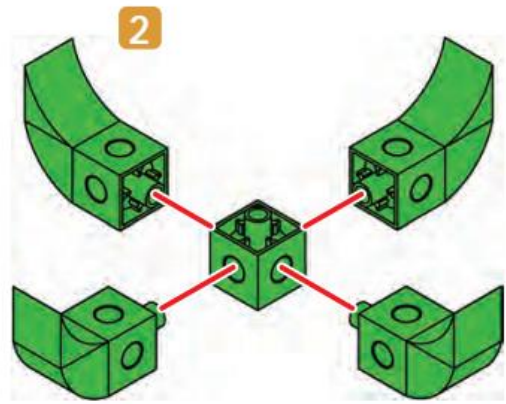
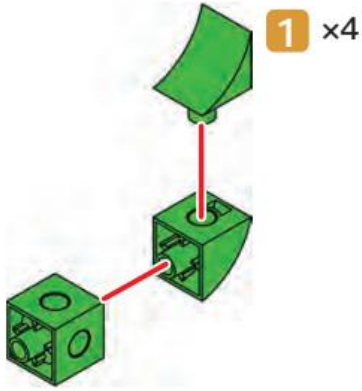
## Rotating cube

					
x1	x2	x2	x1	x2	x2



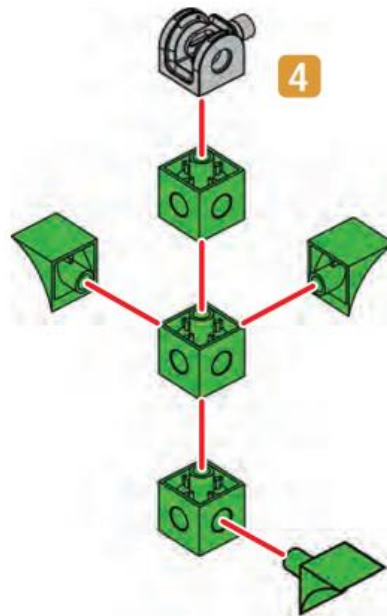
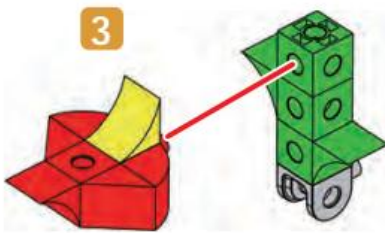
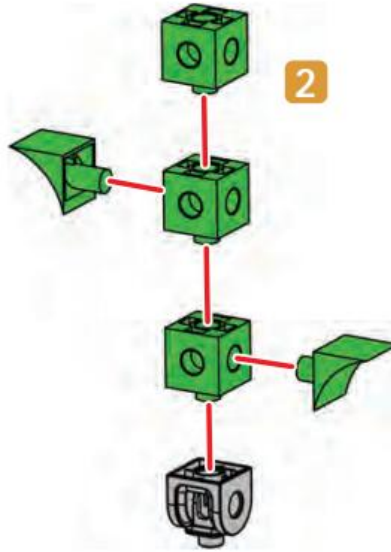
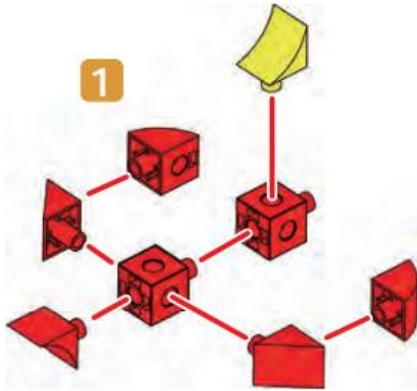
## 蓮花 Lotus

## Lotus



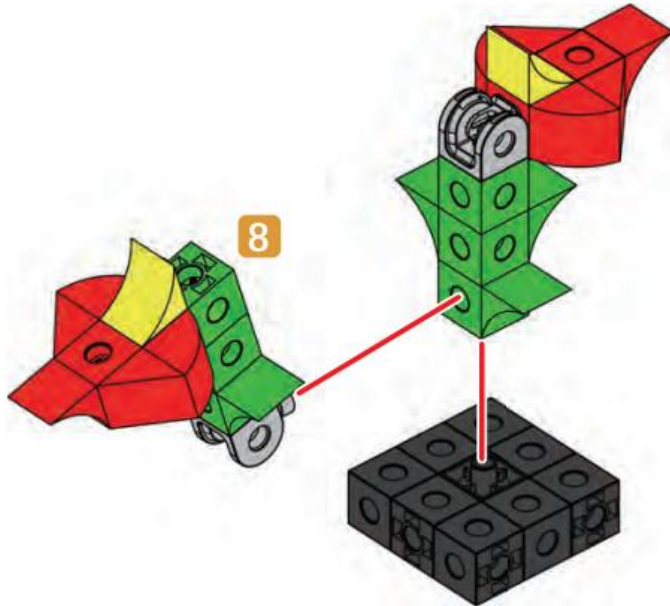
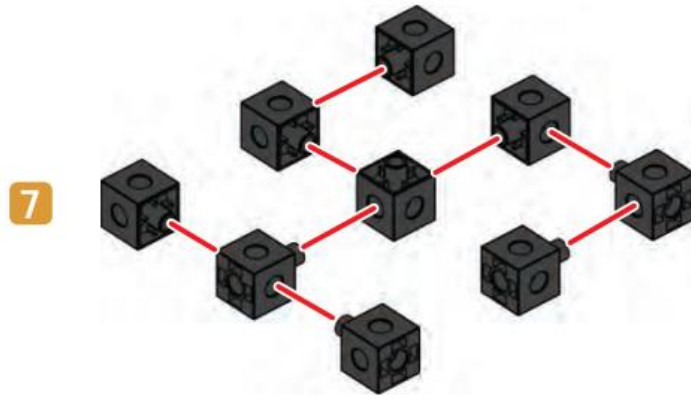
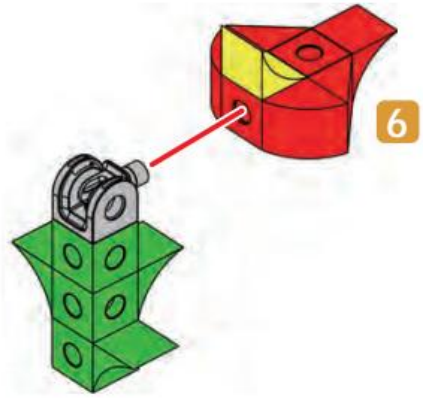
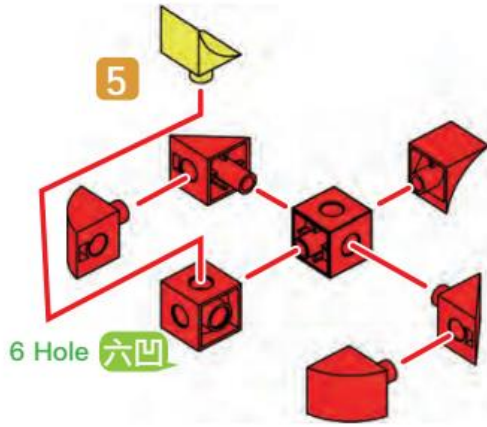


x1	x3	x6	x9	x4	x4	x2	x2	x5	x2



火鶴




Anthurium

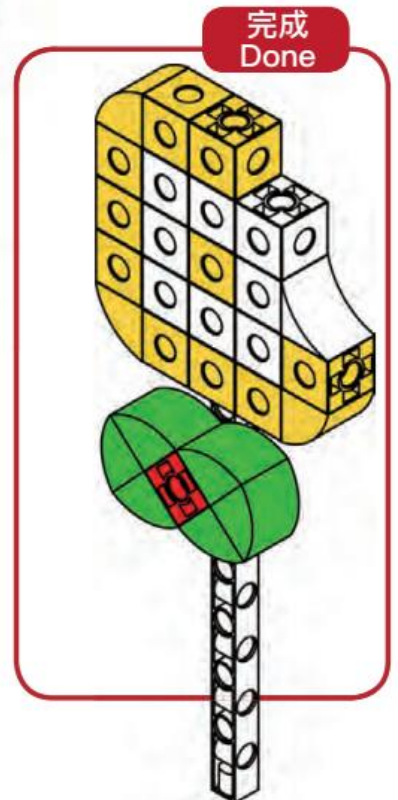
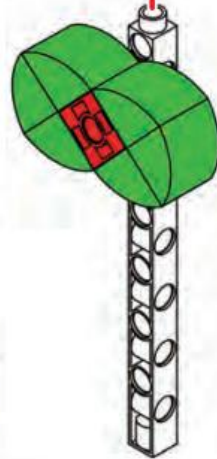
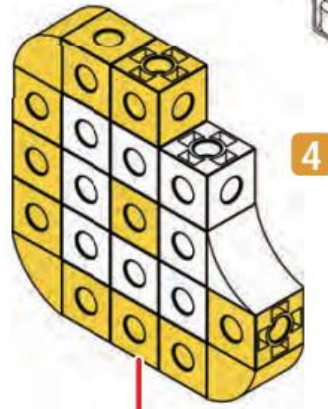
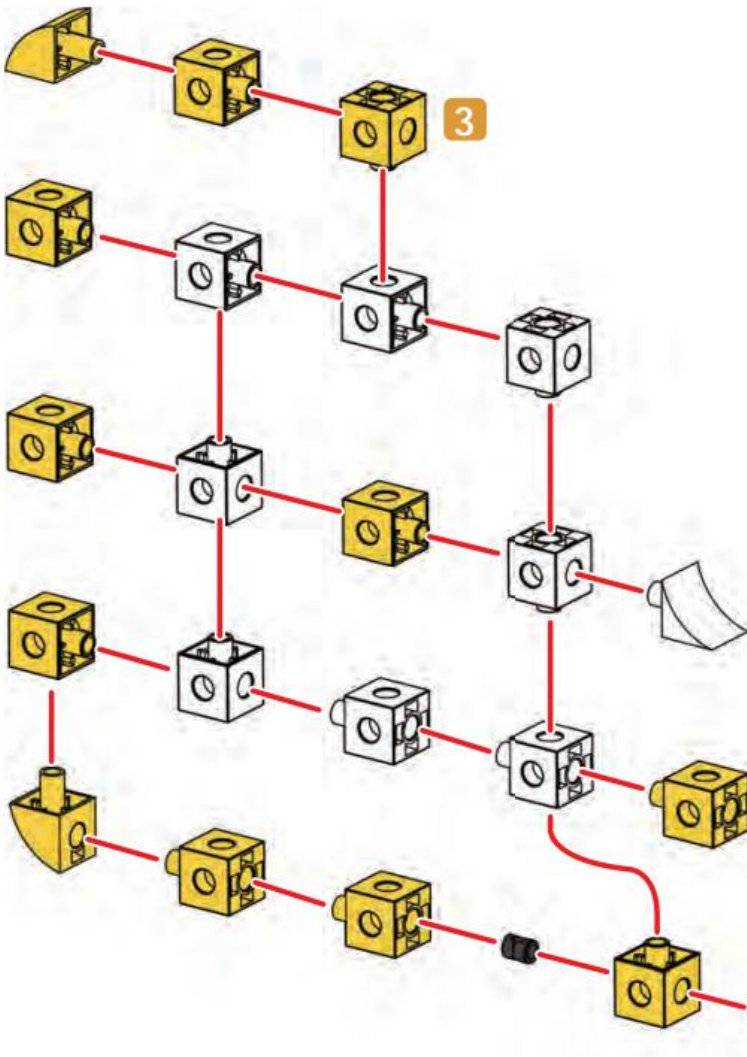
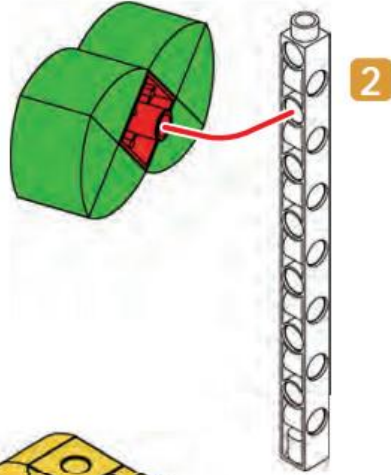
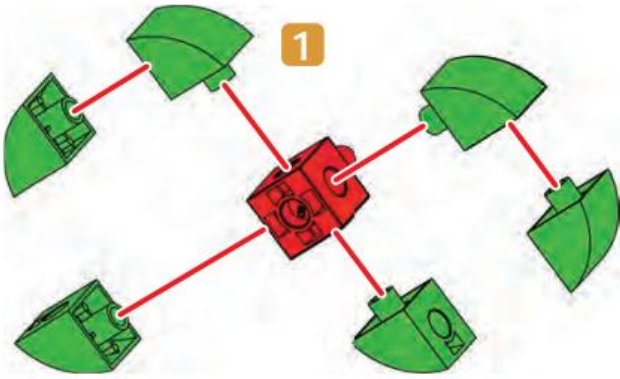




# 棒棒糖

## Lollipop

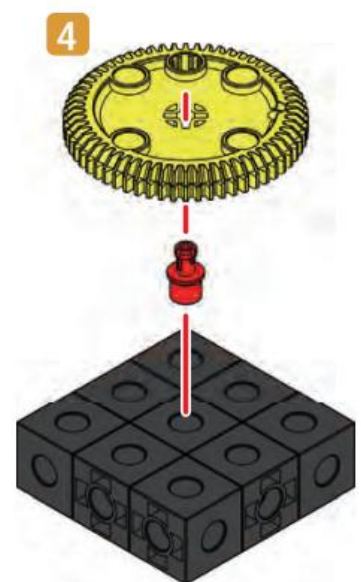
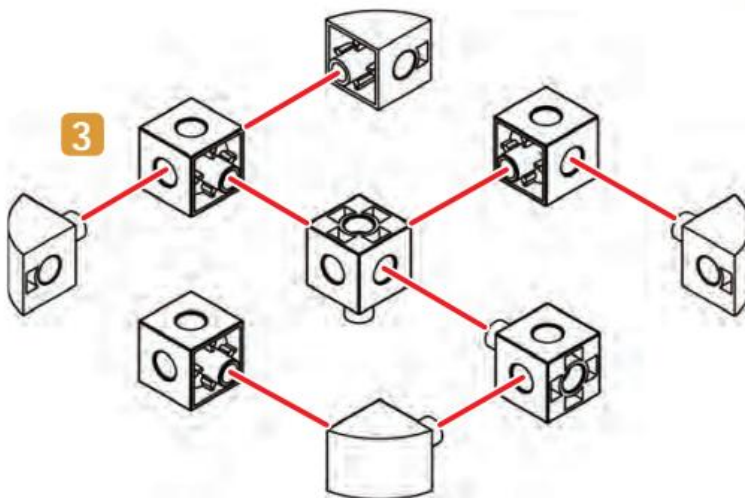
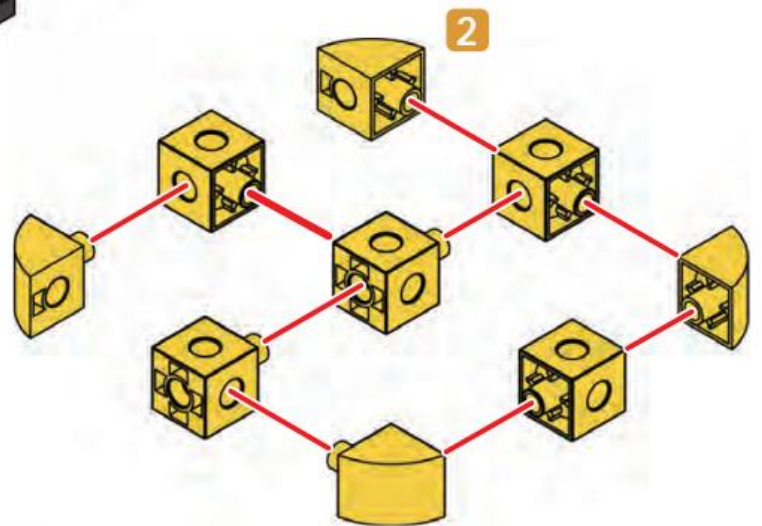
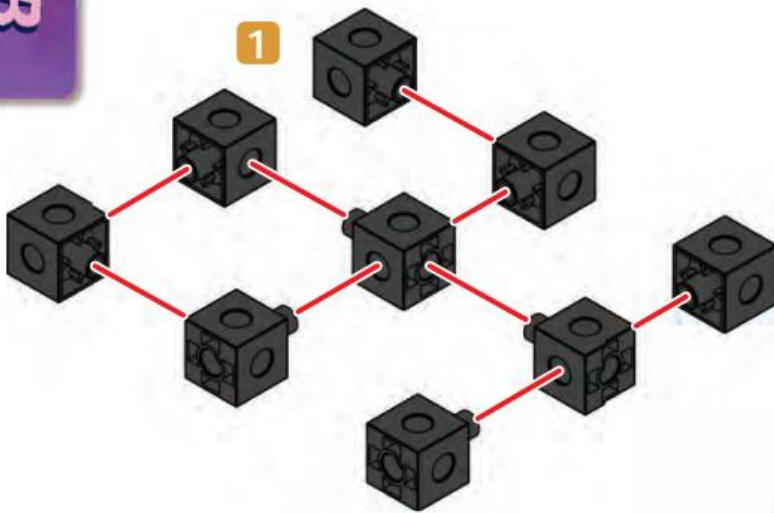
							
x1	x8	x10	x3	x6	x1	x1	x1



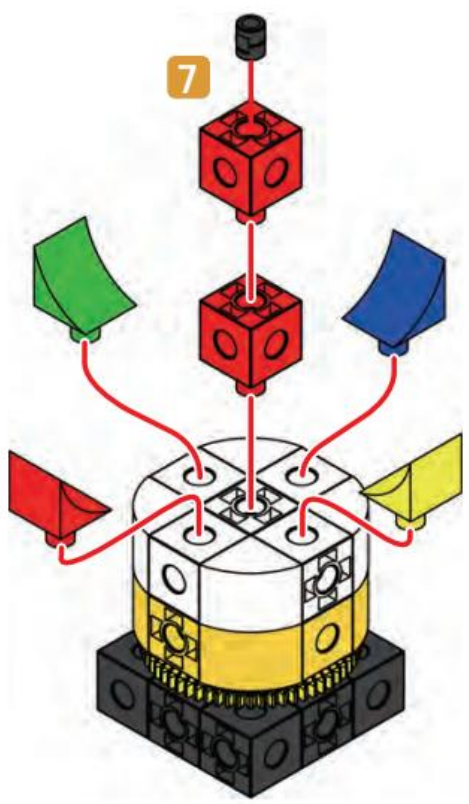
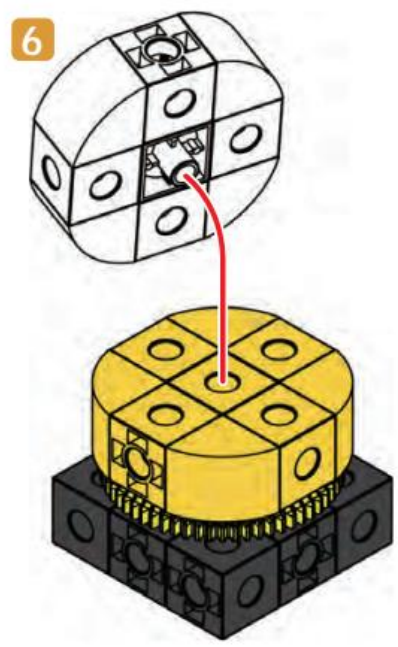
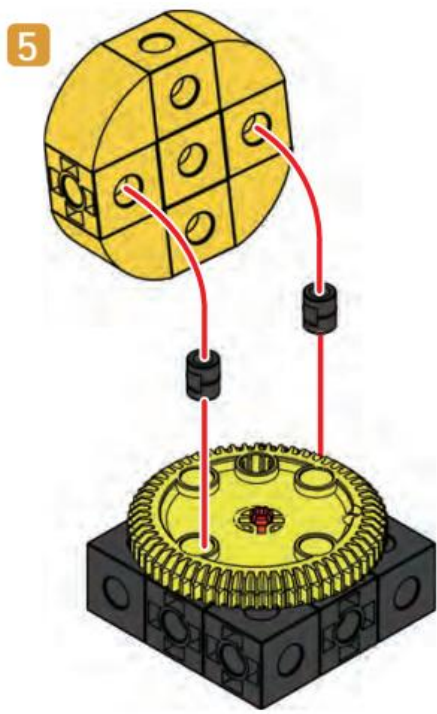
## 蛋糕

## Cake

x2	x5	x5	x9	x4	x4	x1	x1	x1	x1	x3	x1	x1

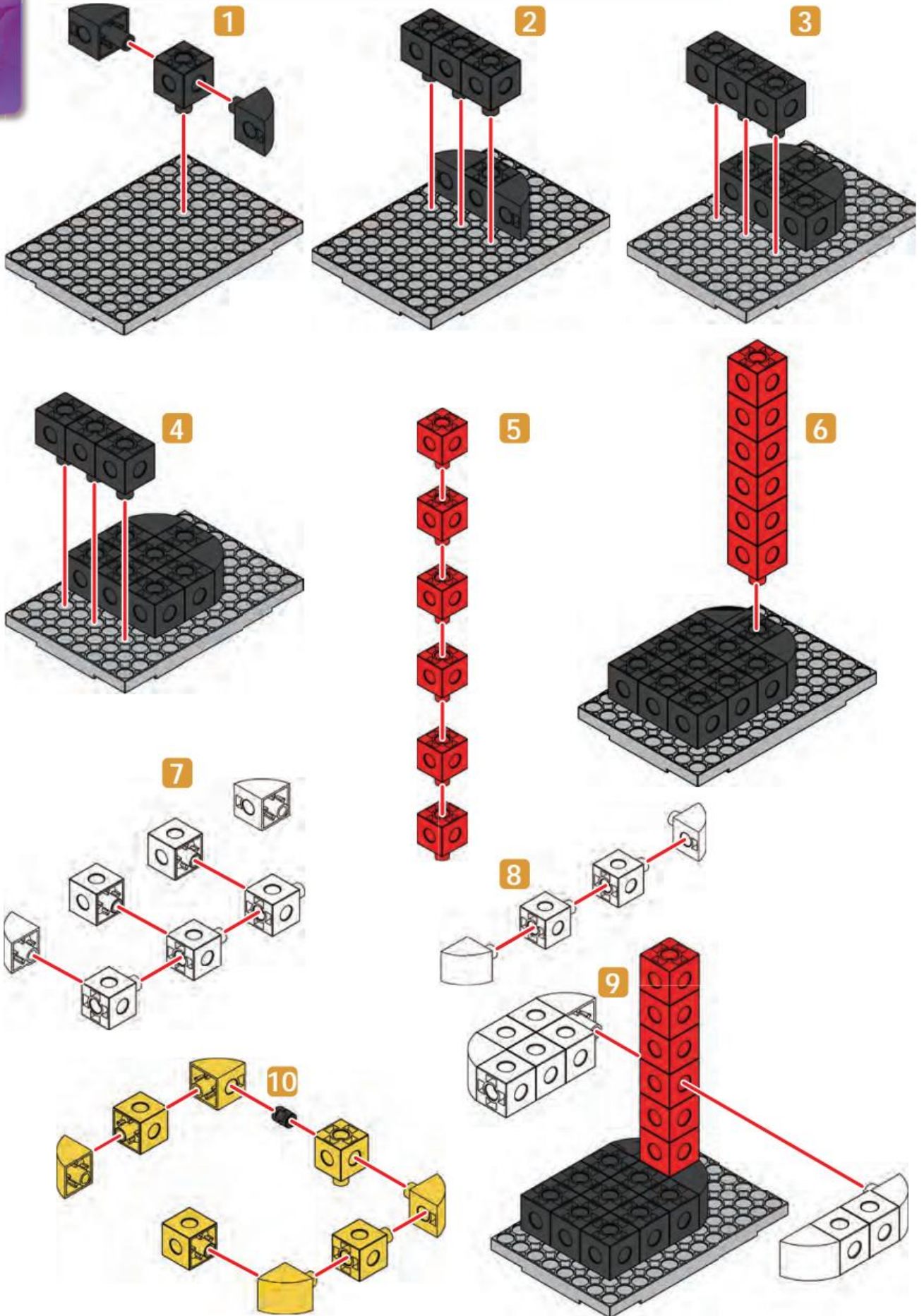




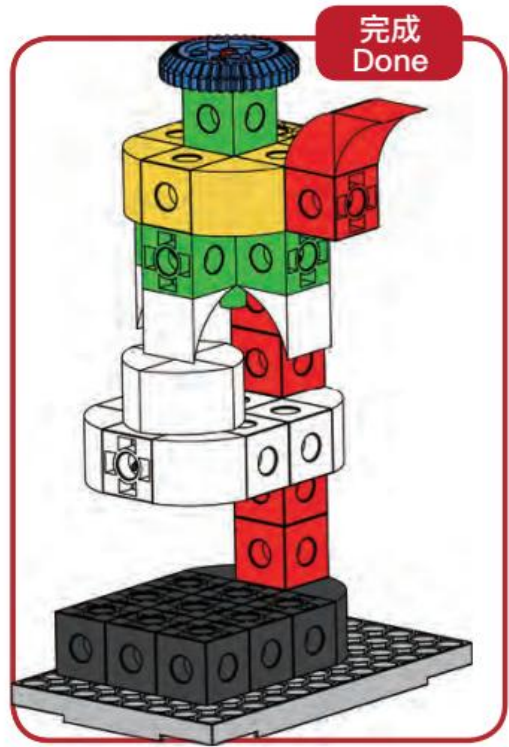
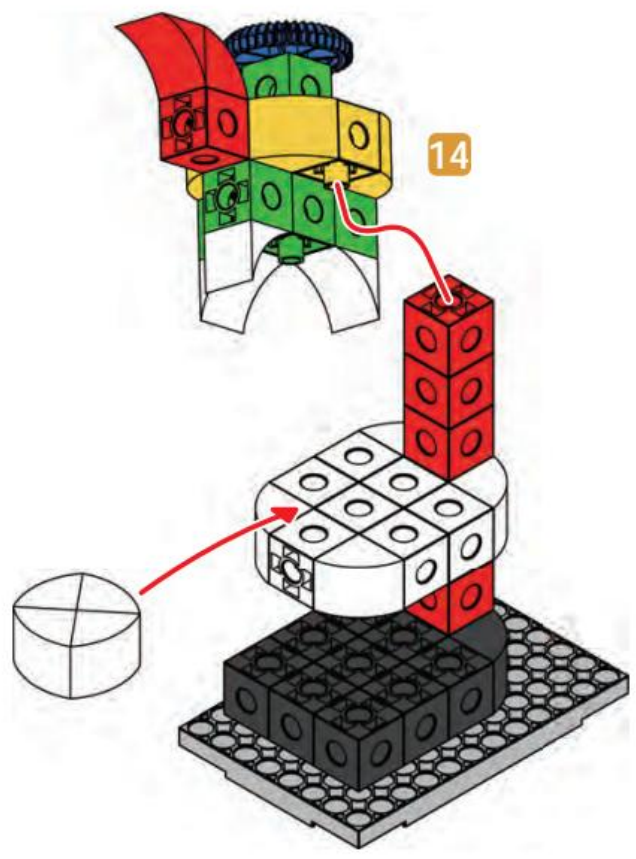
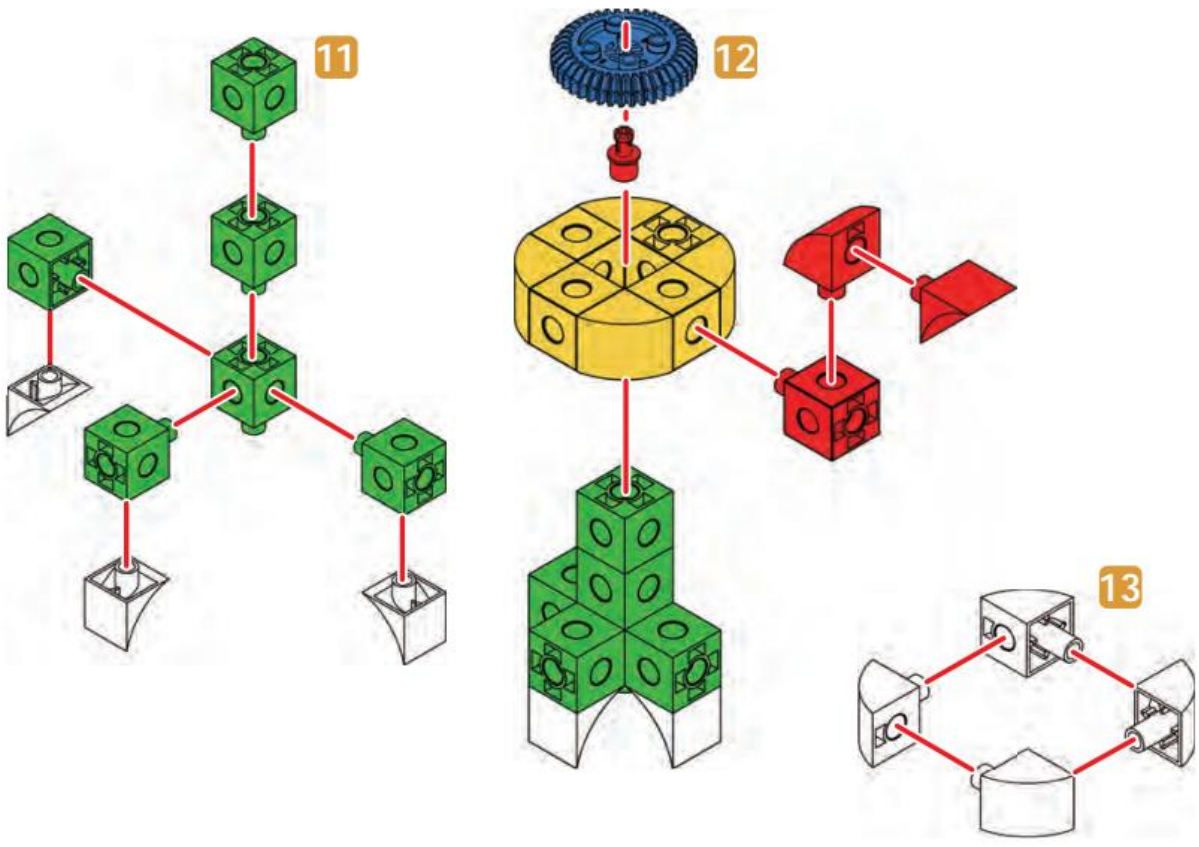


## 刨冰機

## Ice crusher



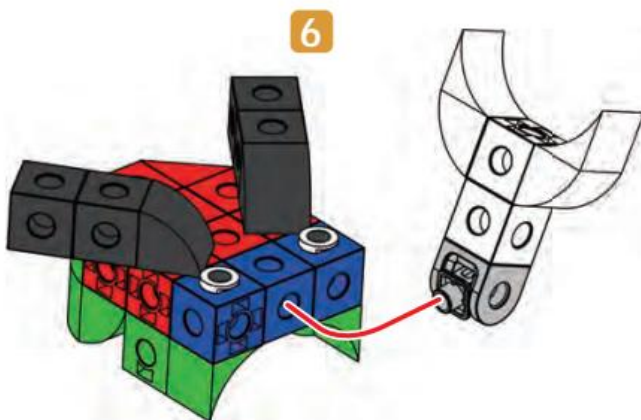
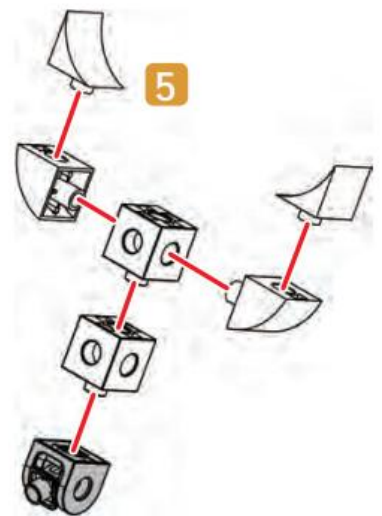
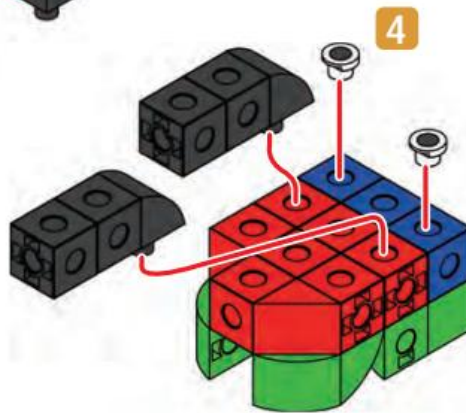
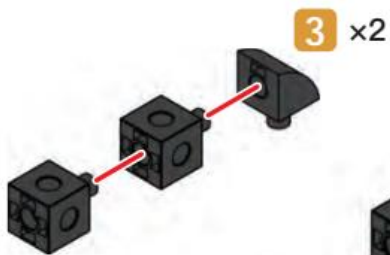
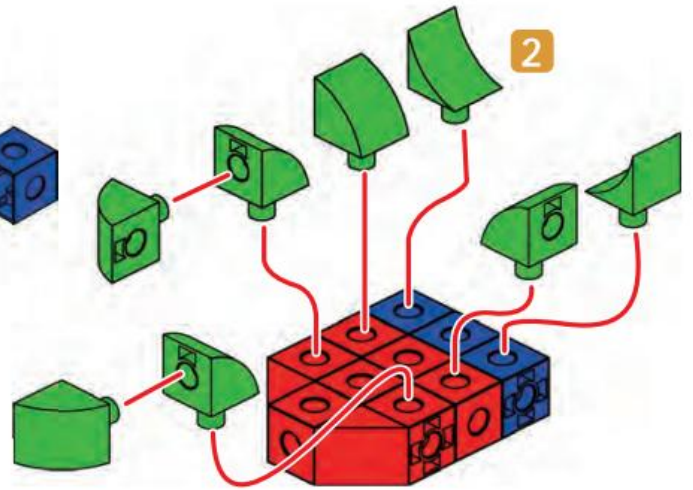
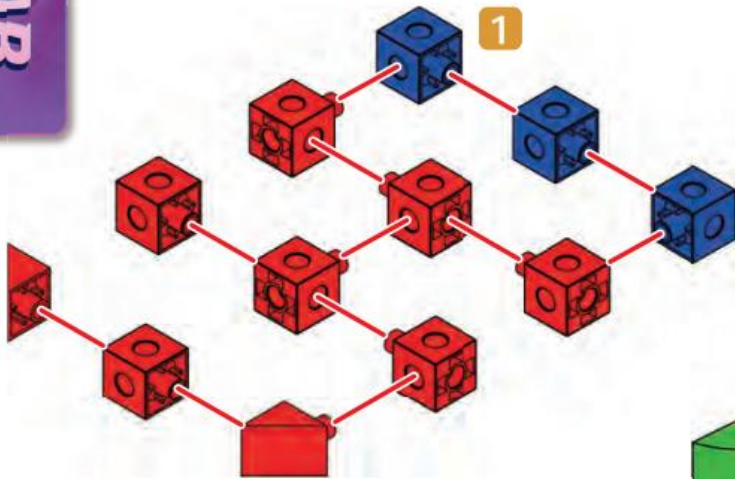




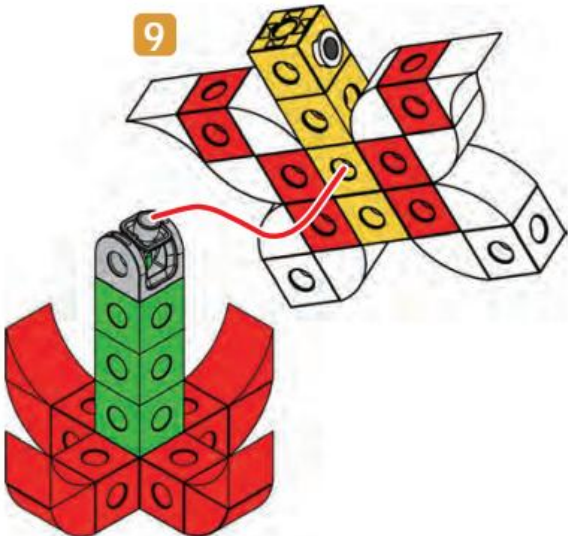
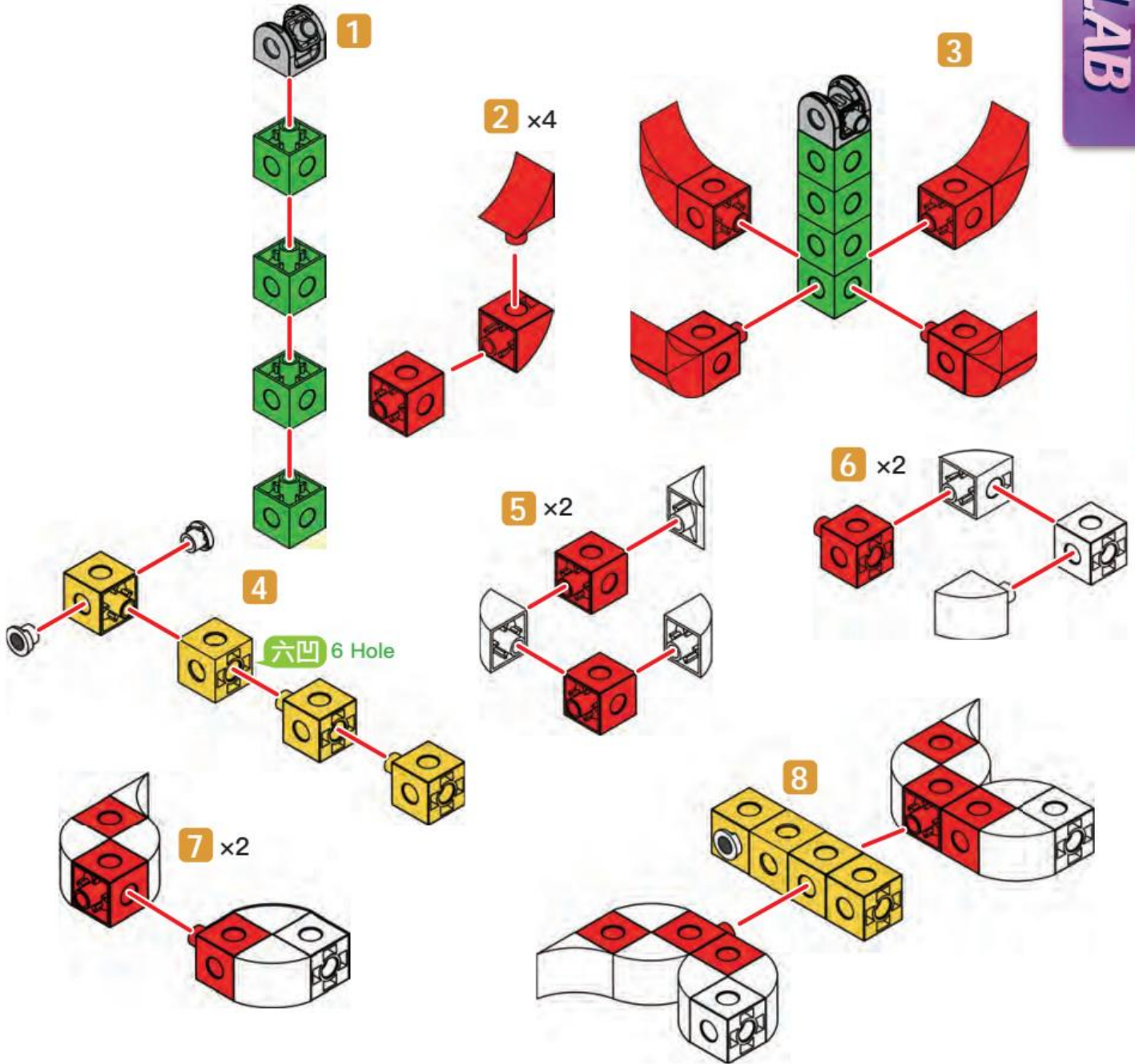
## 獨角仙

## Beetle

x7	x3	x2	x4	x2	x6	x2	x2	x2	x2	x2	x1



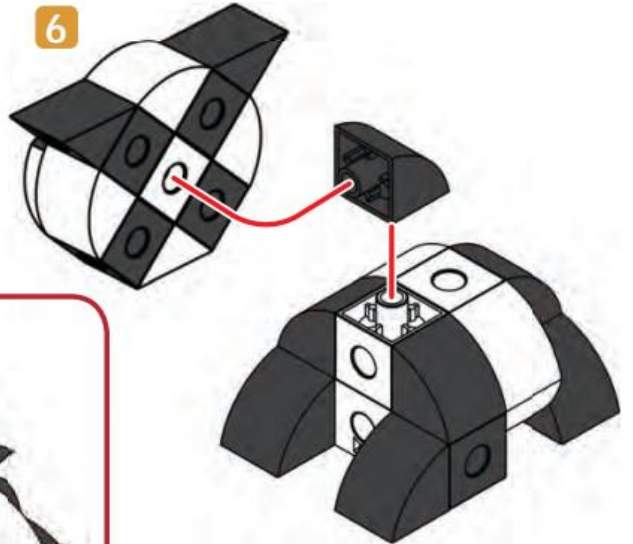
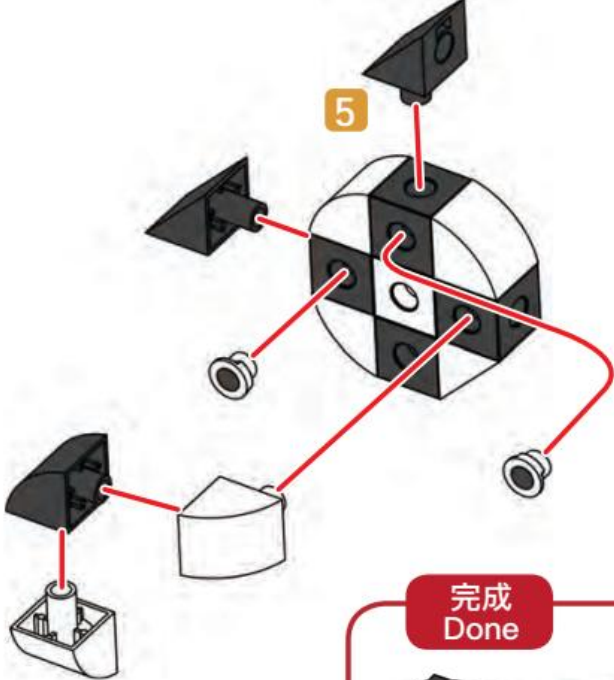
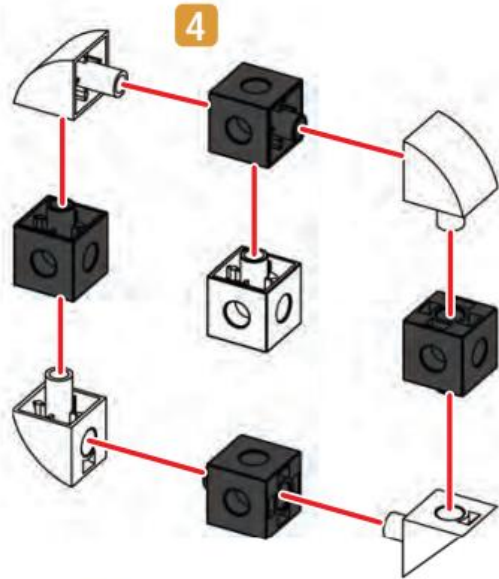
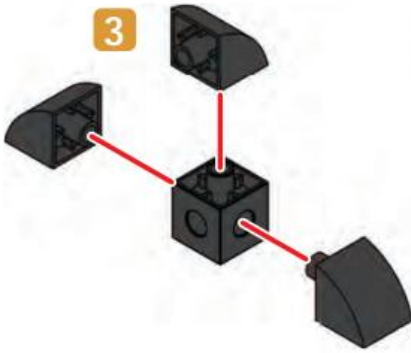
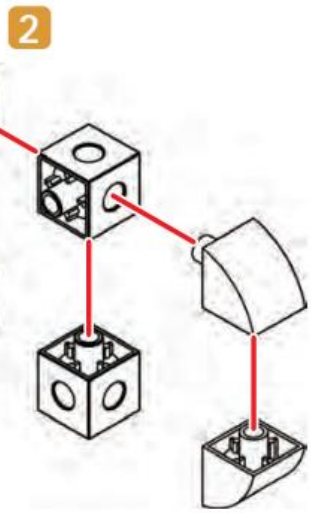
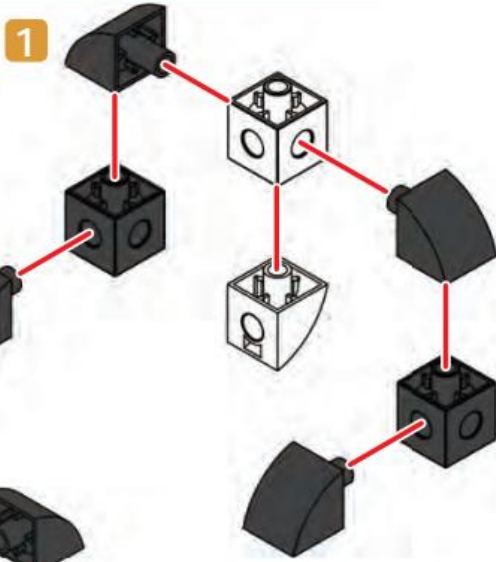




## 貓熊 Panda

## Panda

x4	x7	x10	x9	x1	x2	x2	x2





# 烏龜與兔子

# Turtle and Rabbit

x10	x4	x6	x10	x4	x8	x3	x1	x1	x4

**1-1**

**1-2**

**1-3**

**完成 Done**

**2-1**

**2-2**

**2-3**

**完成 Done**

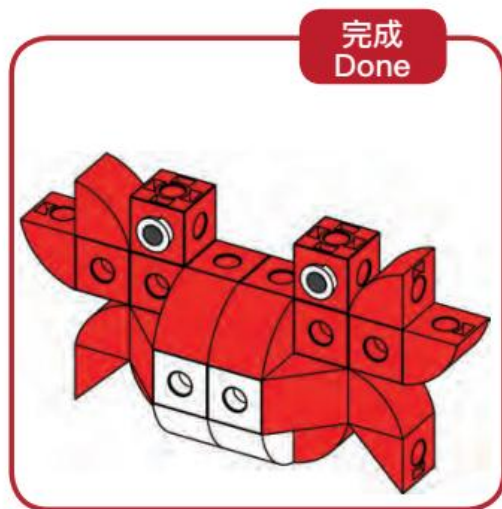
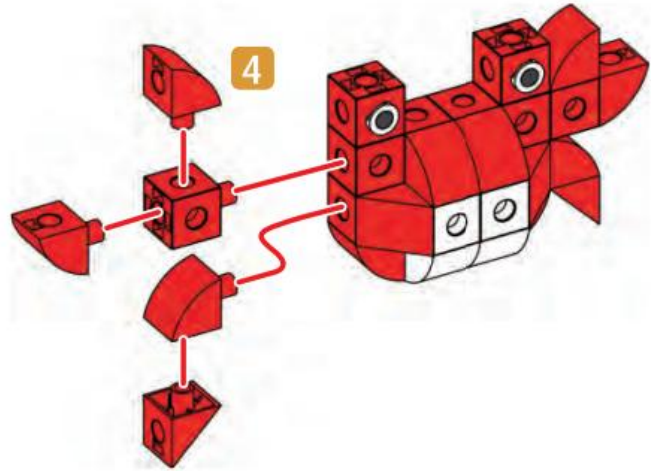
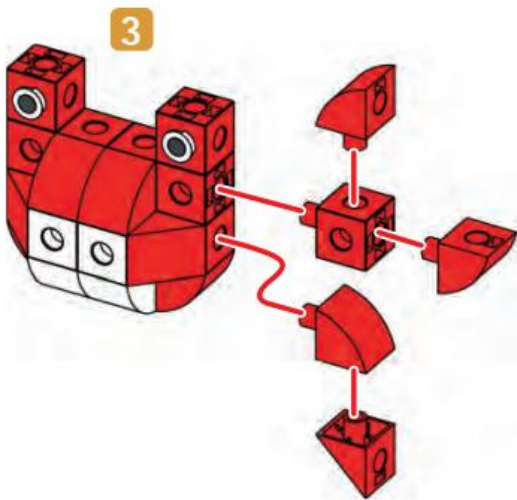
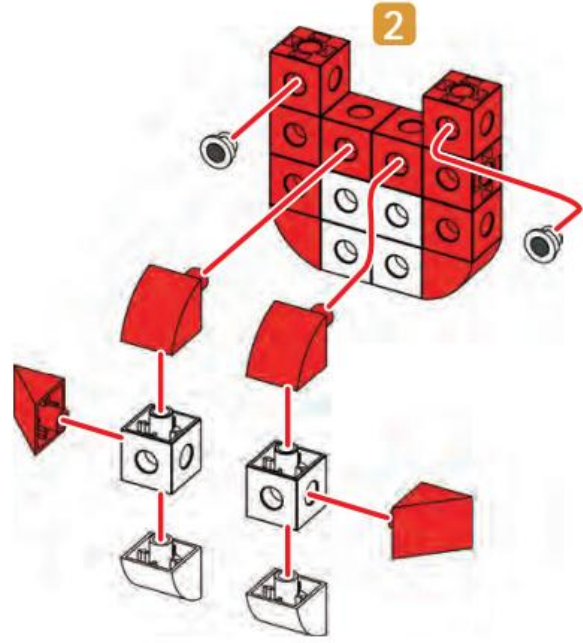
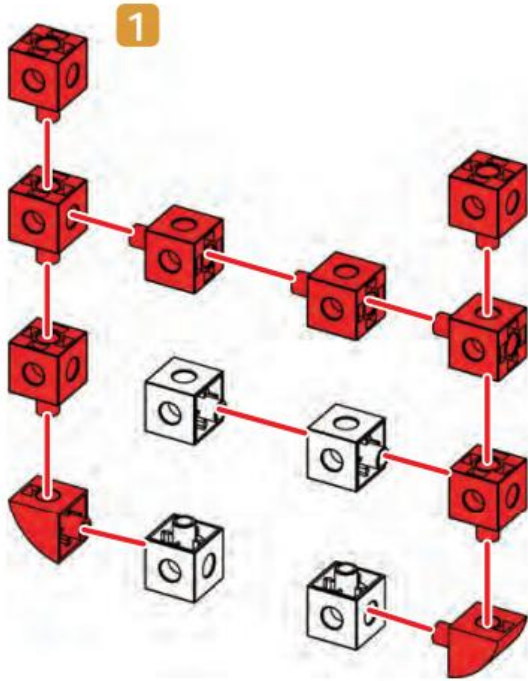




螃蟹

Crab

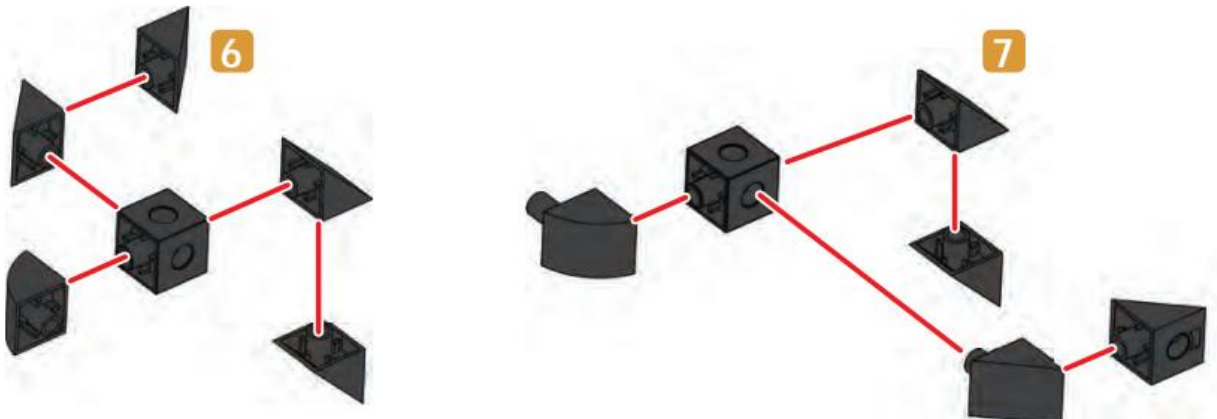
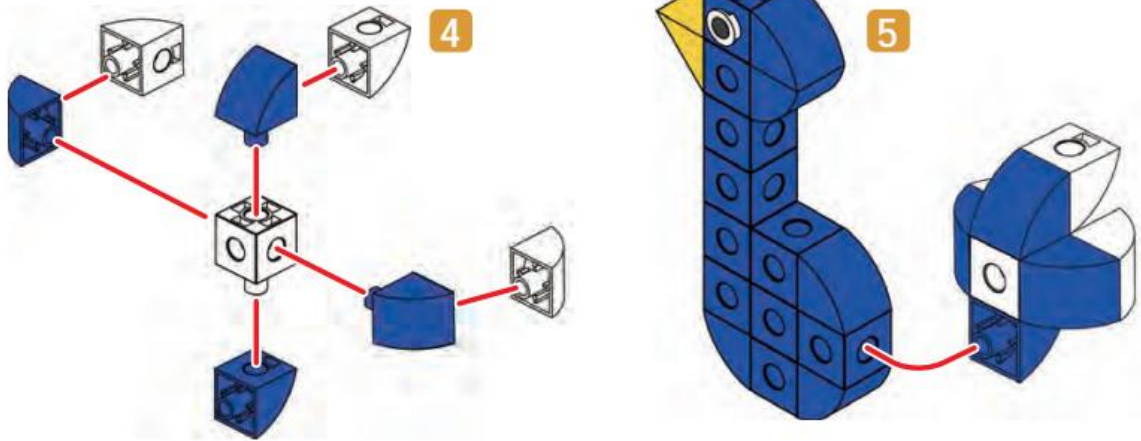
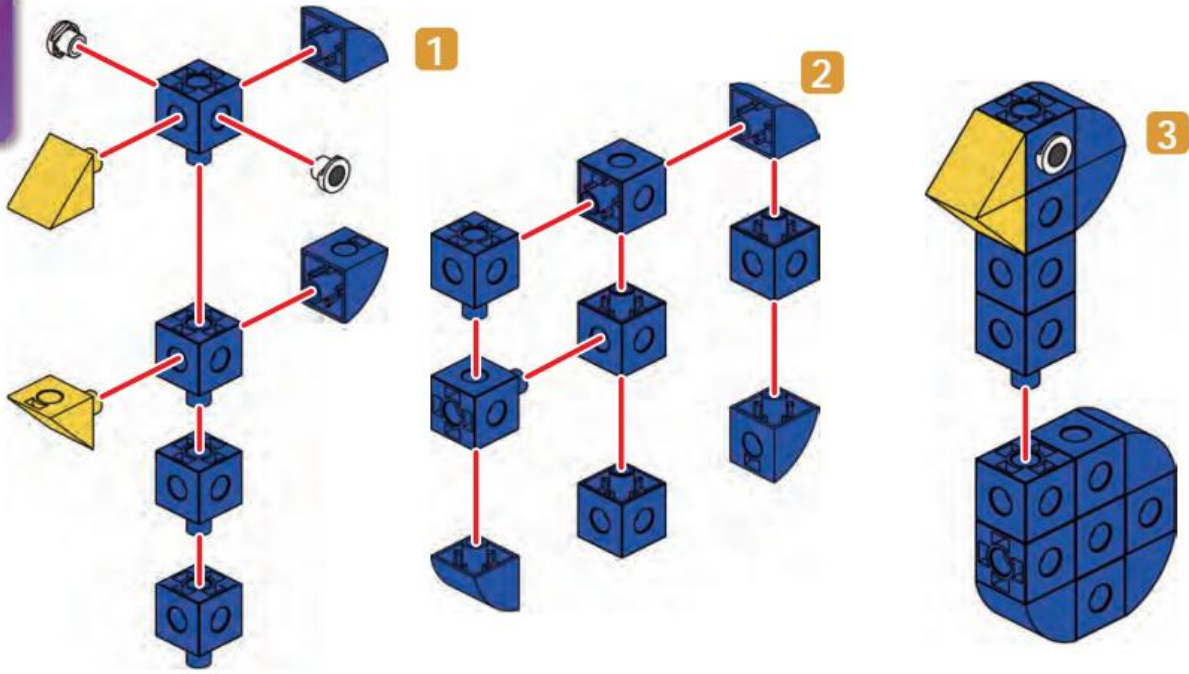
x10	x6	x10	x2	x4	x2	



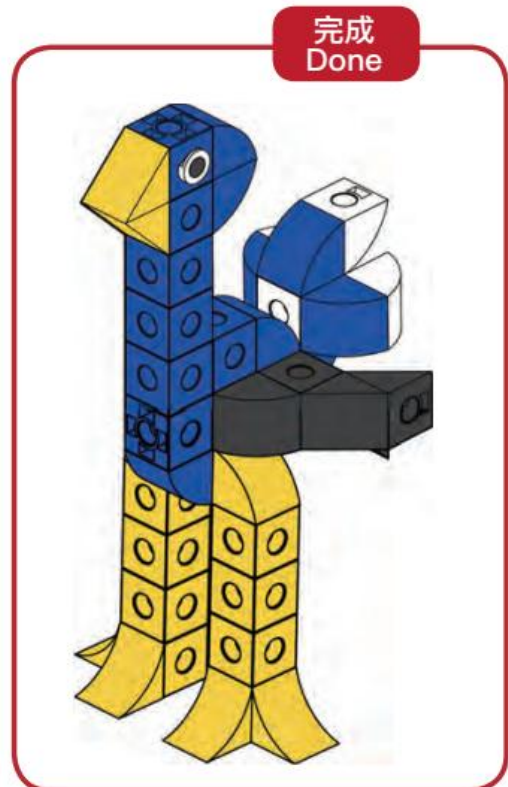
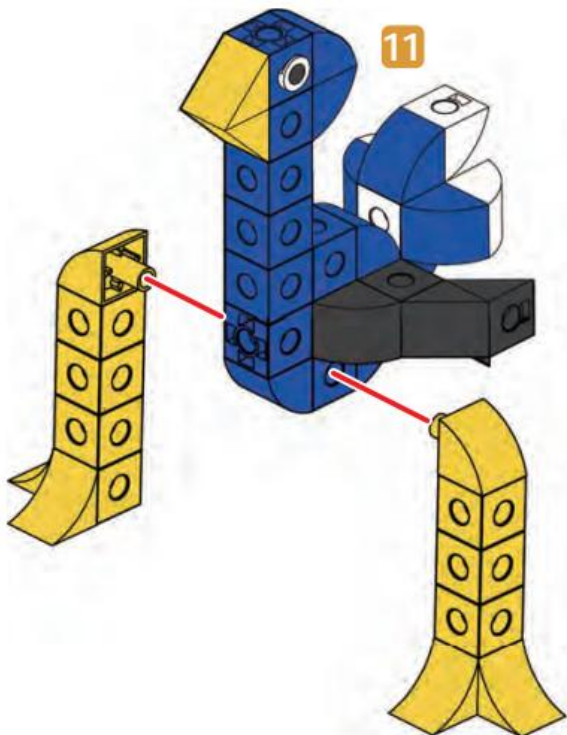
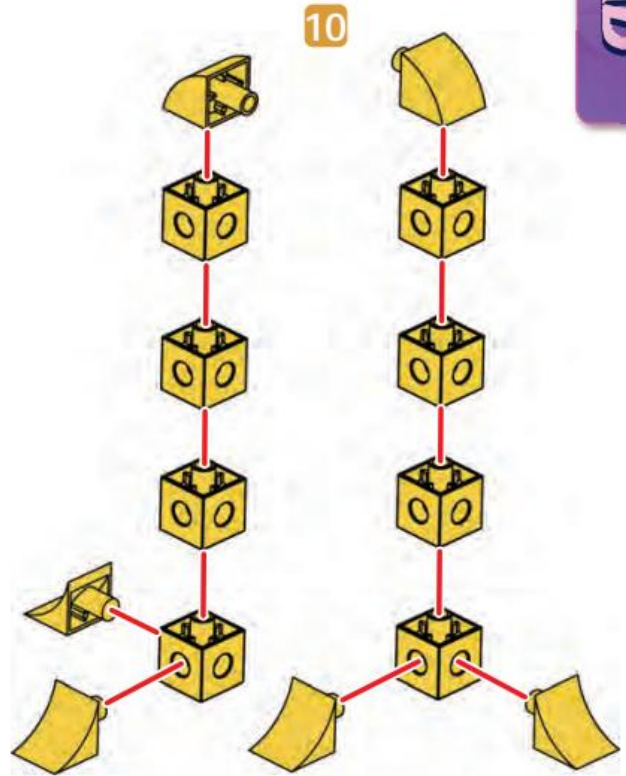
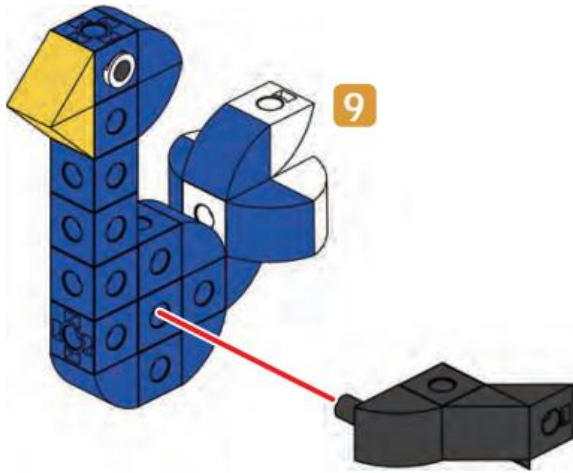
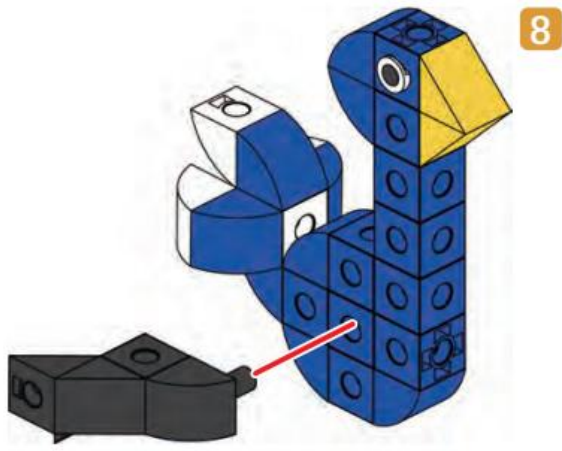
## 駝鳥

## Ostrich

x10	x1	x8	x2	x9	x3	x2	x2	x2	x8	x4	x2



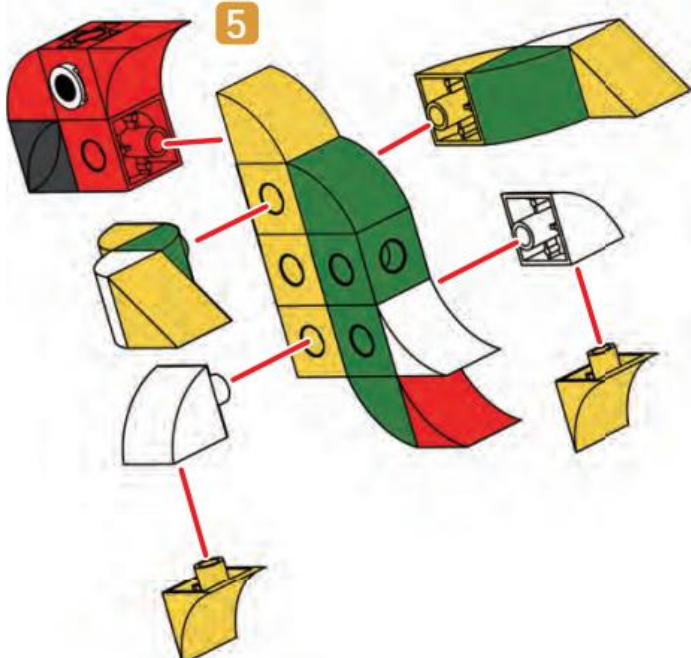
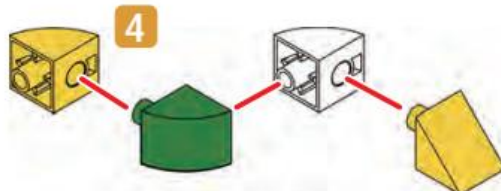
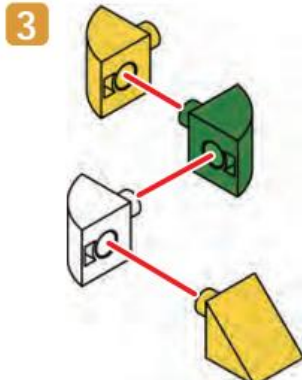
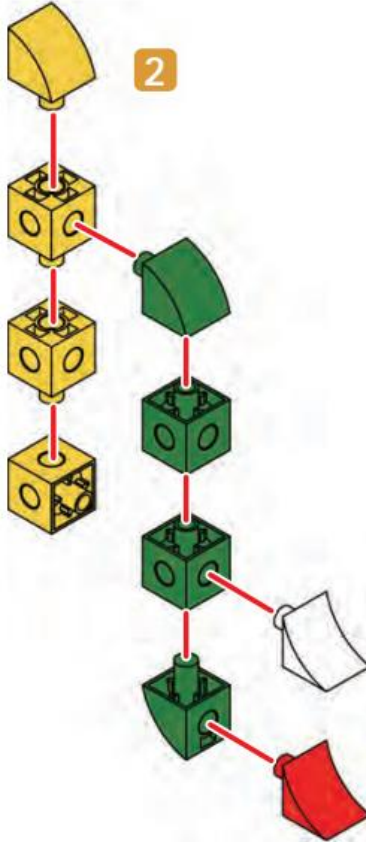
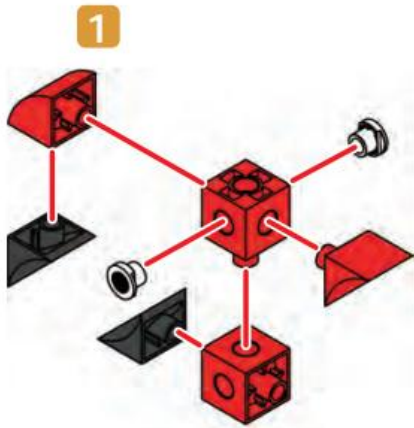








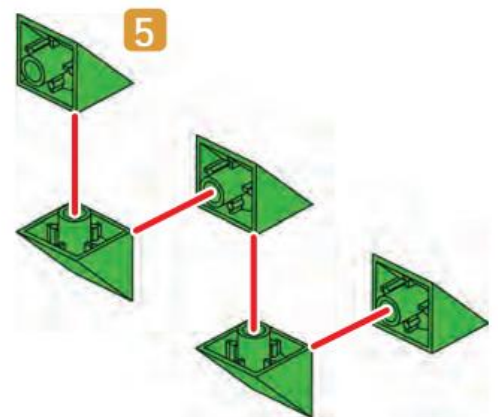
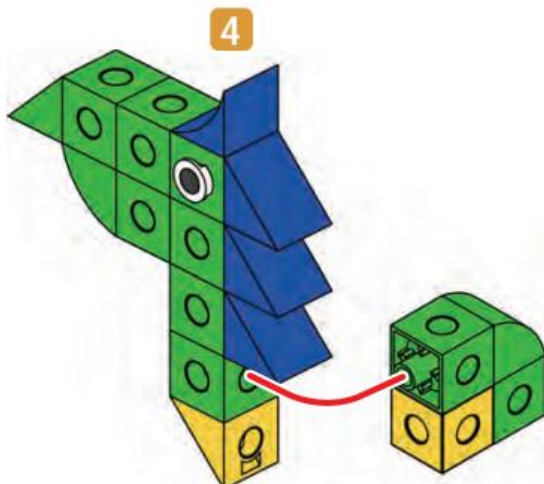
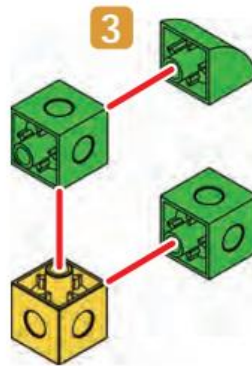
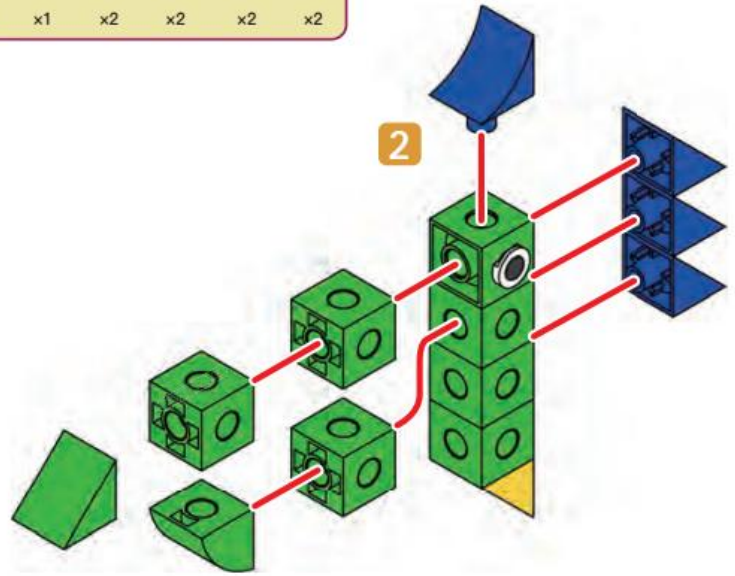
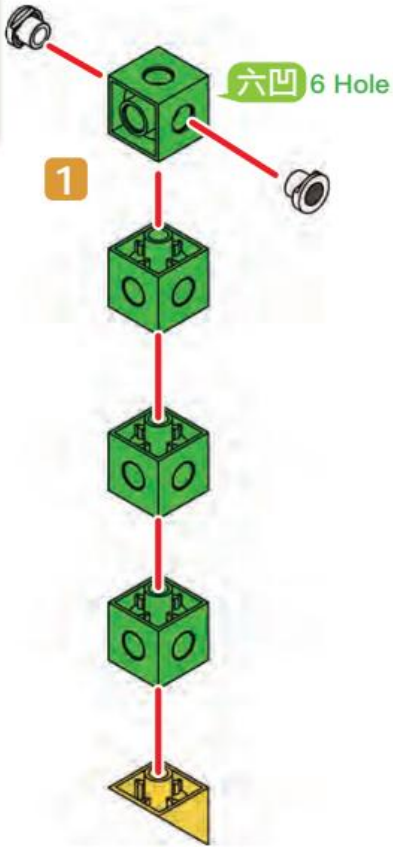
-  x2
-  x3
-  x2
-  x1
-  x4
-  x3
-  x4
-  x2
-  x2
-  x1
-  x2
-  x2
-  x2



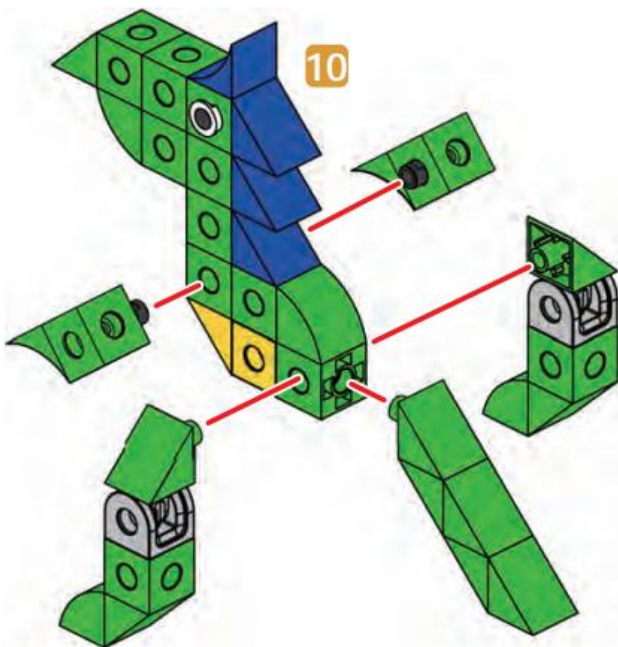
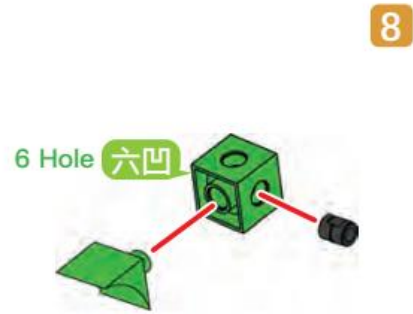
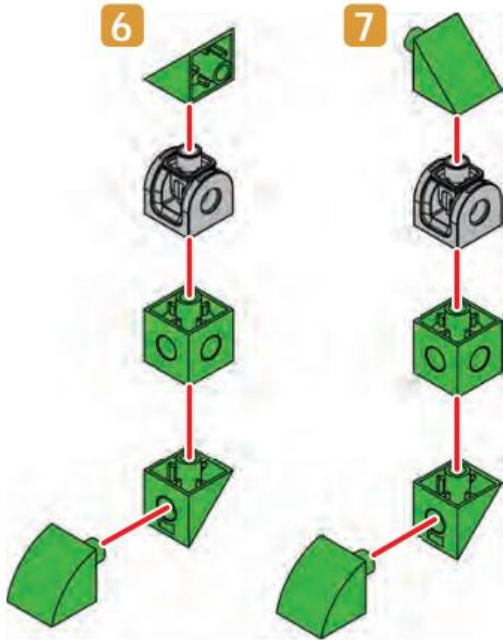
## 迅猛龍

## Raptor

x3	x1	x10	x4	x3	x1	x10	x1	x2	x2	x2	x2



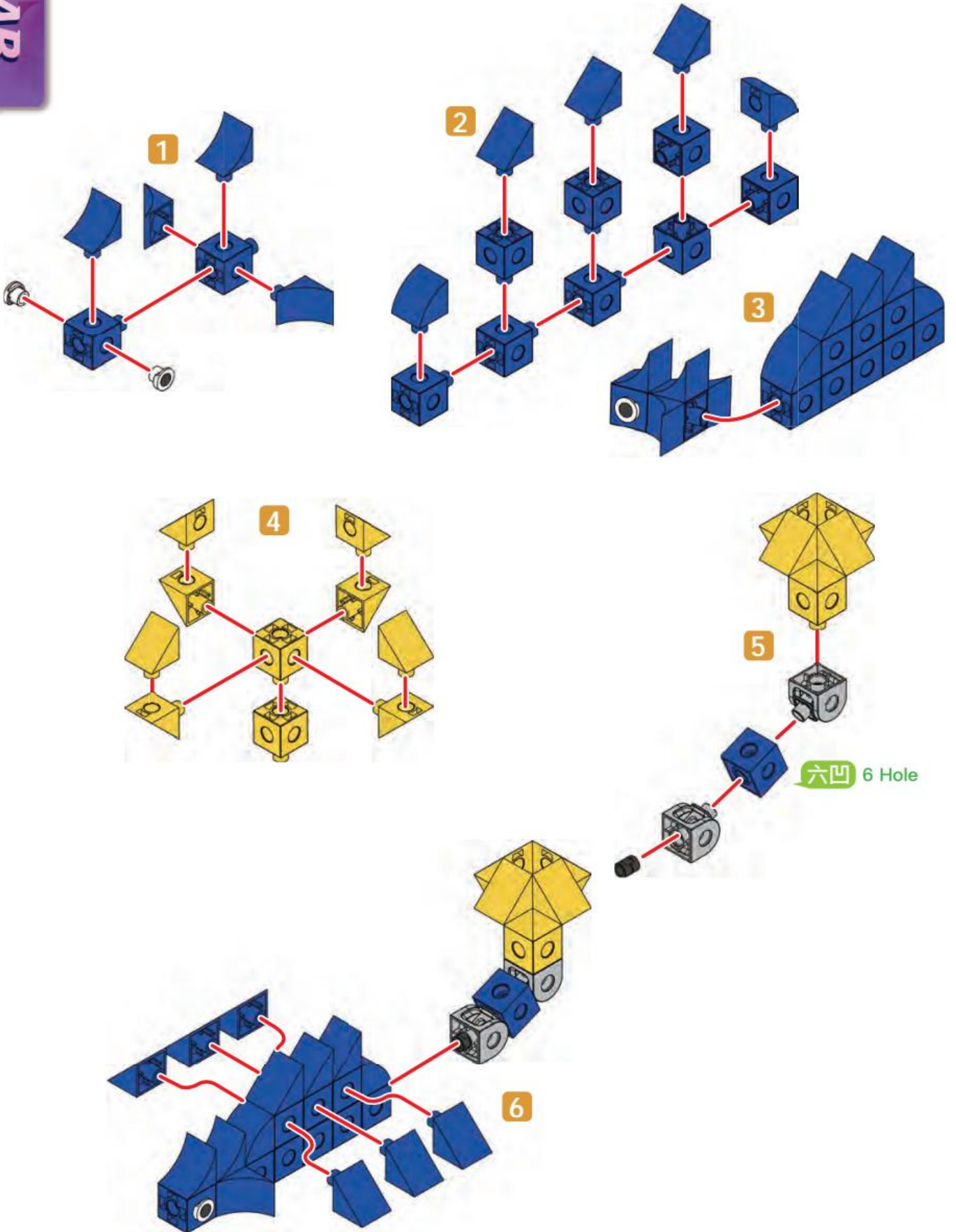




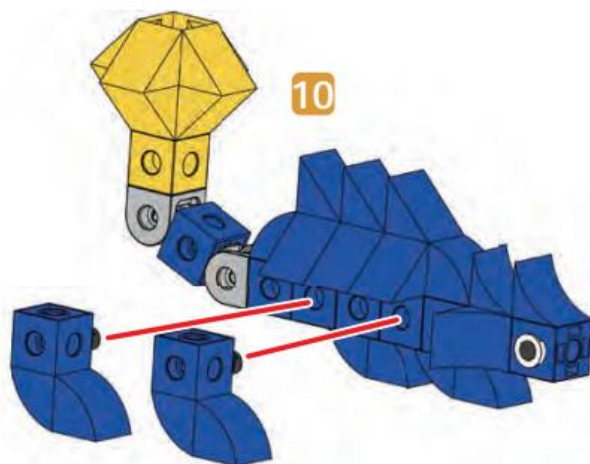
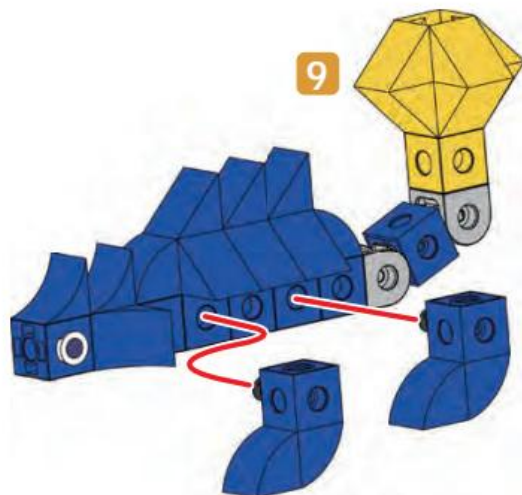
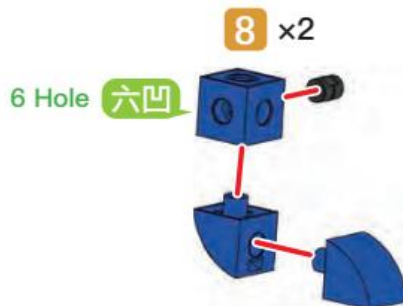
## 甲龍

## Ankylosaurus

x5	x10	x2	x10	x9	x8	x4	x5	x2	x2

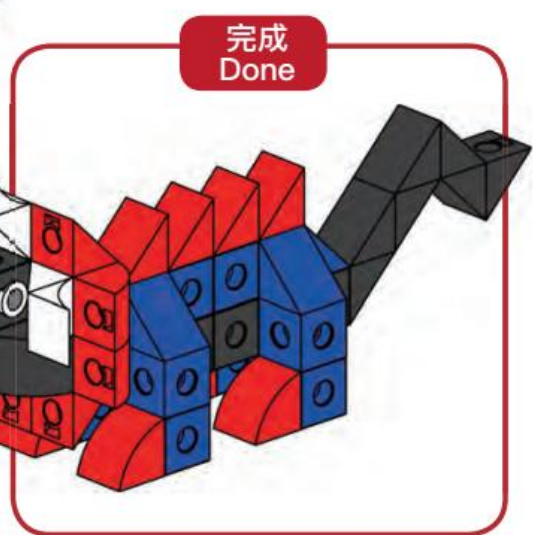
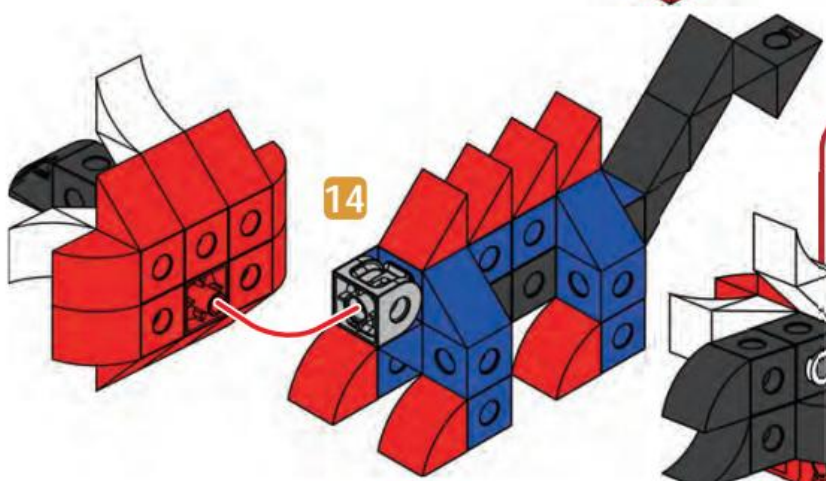
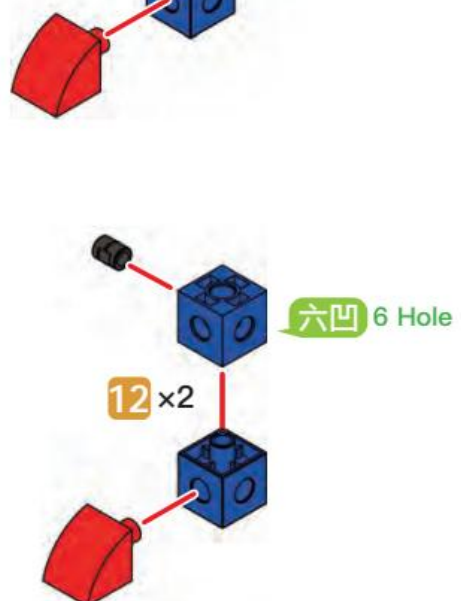
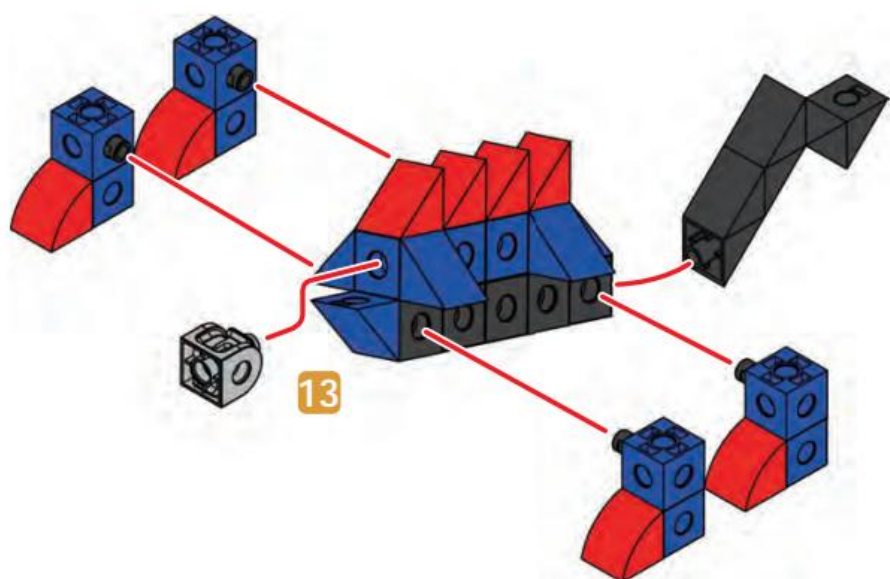
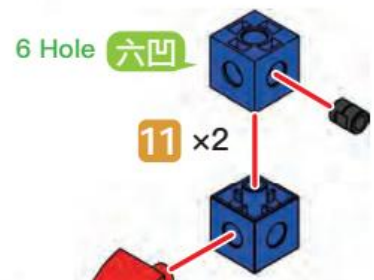
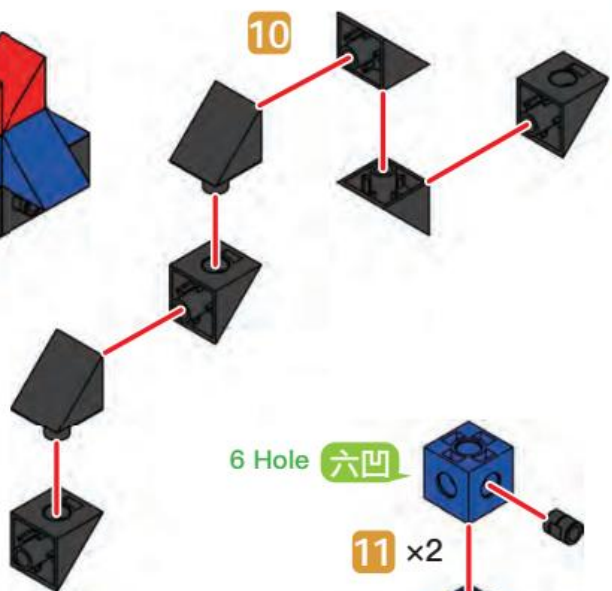
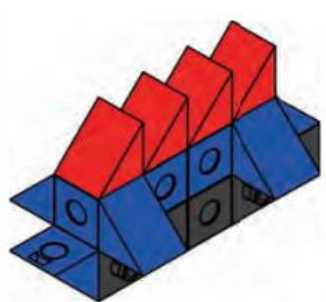
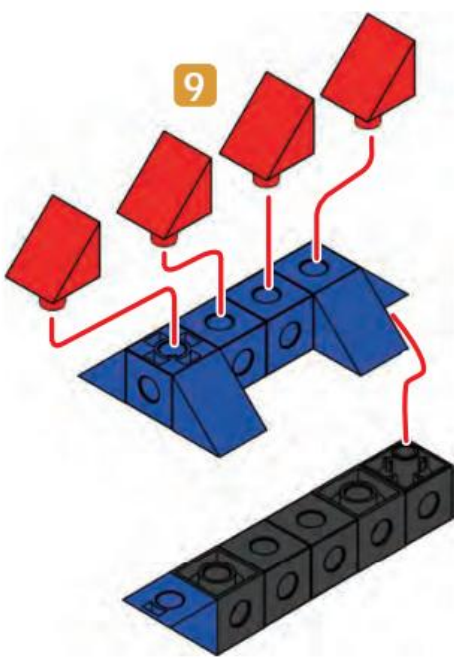






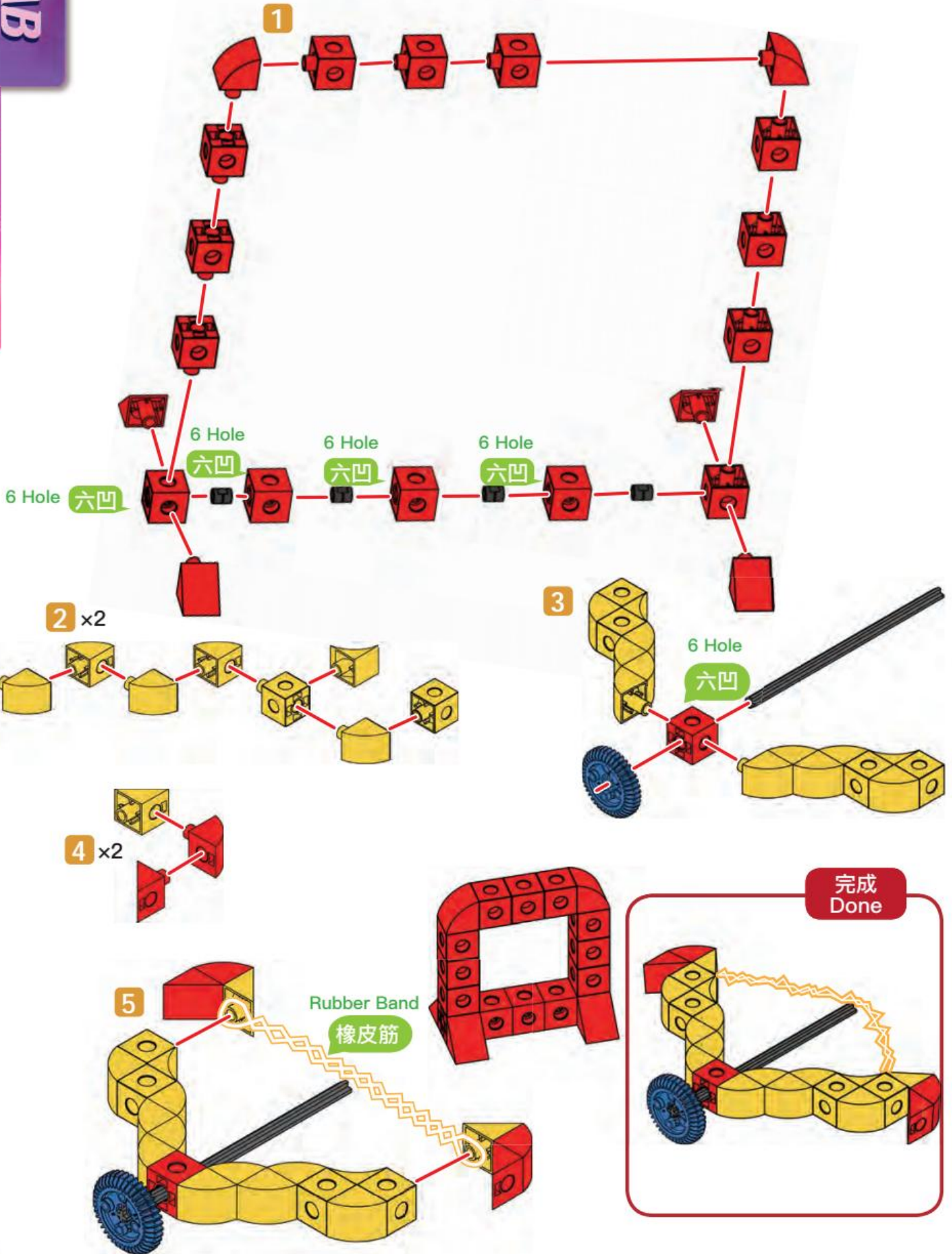
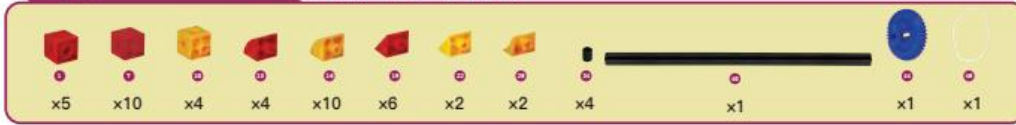






## 弓箭

## Bow and Arrow

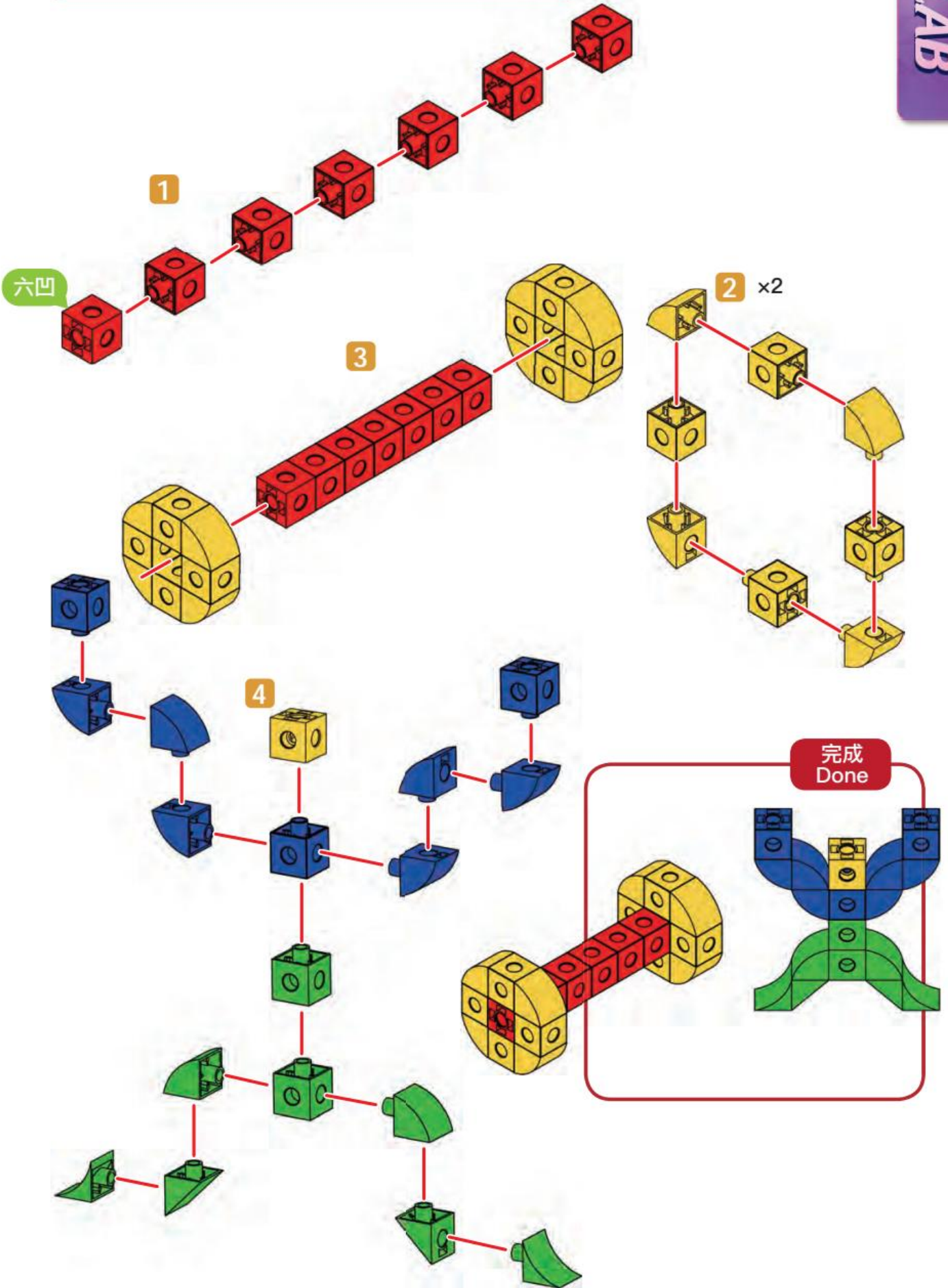




舉重

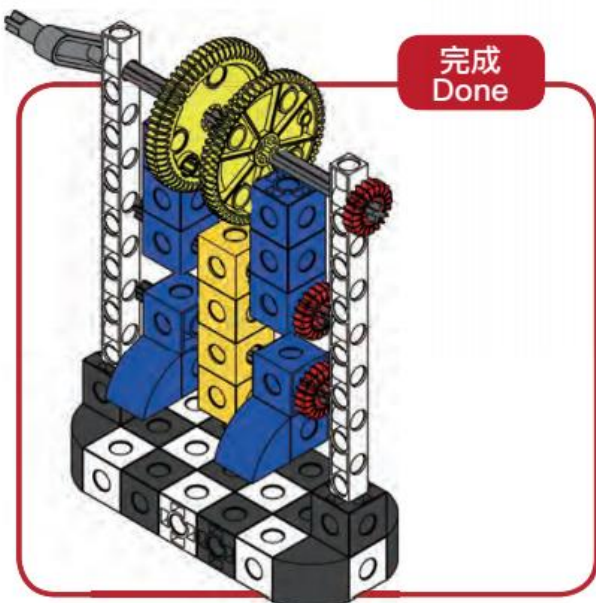
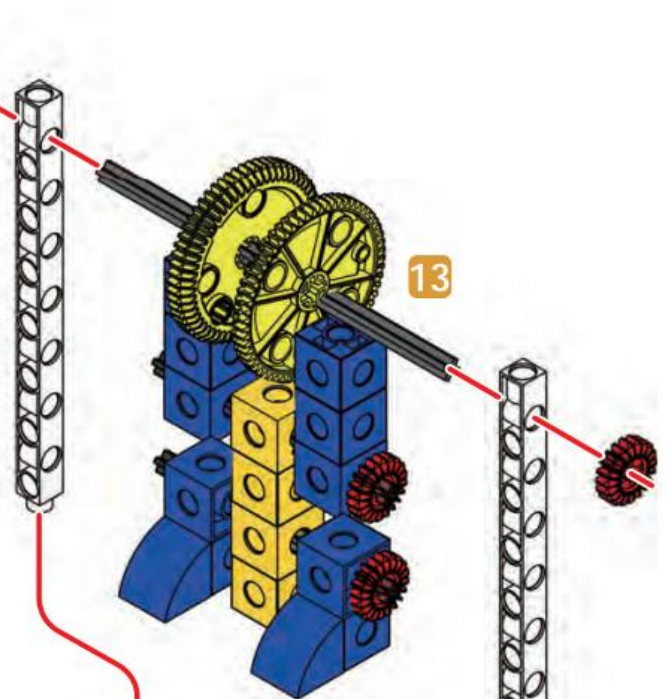
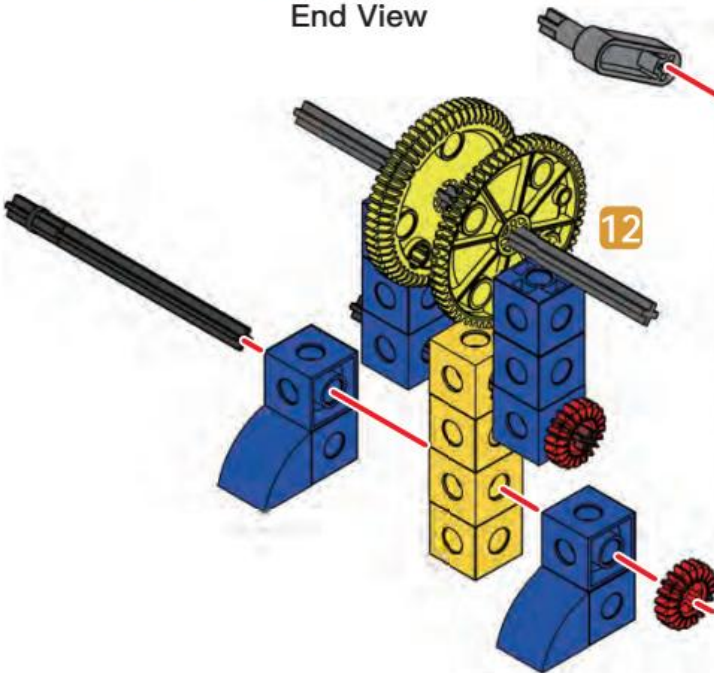
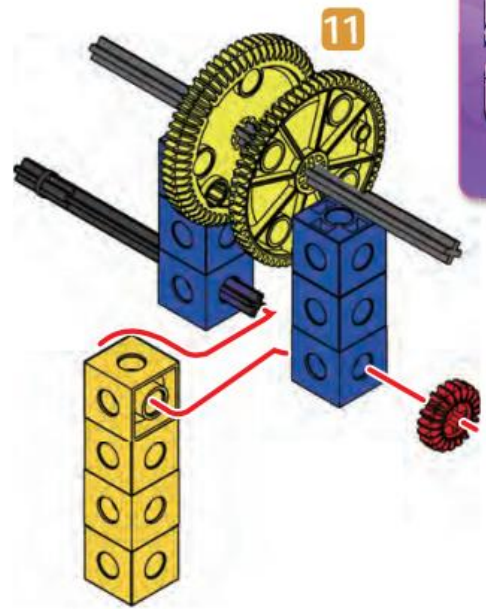
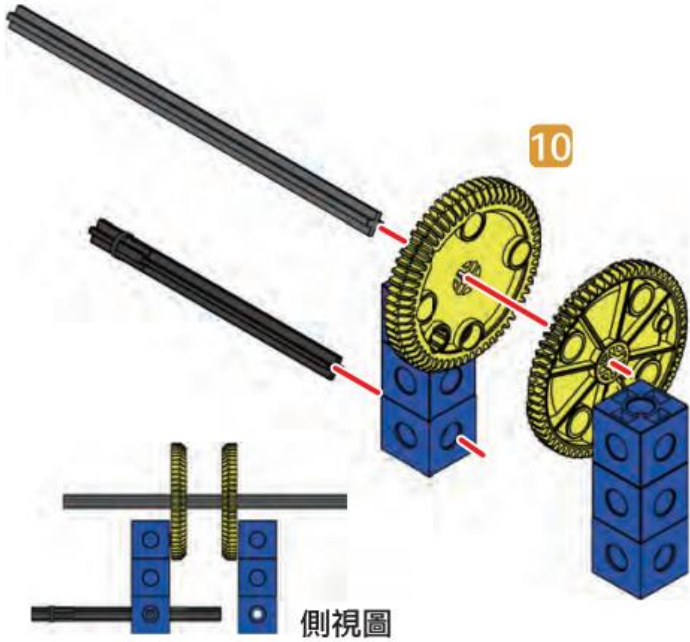
Weight lifting

- x1
- x1
- x6
- x3
- x8
- x2
- x6
- x8
- x2
- x2
- x2





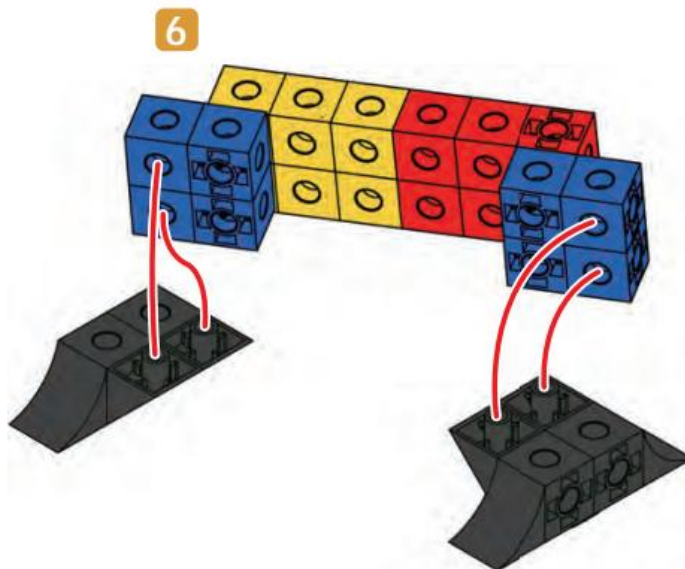
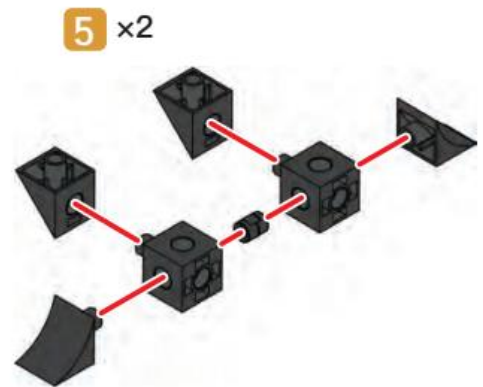
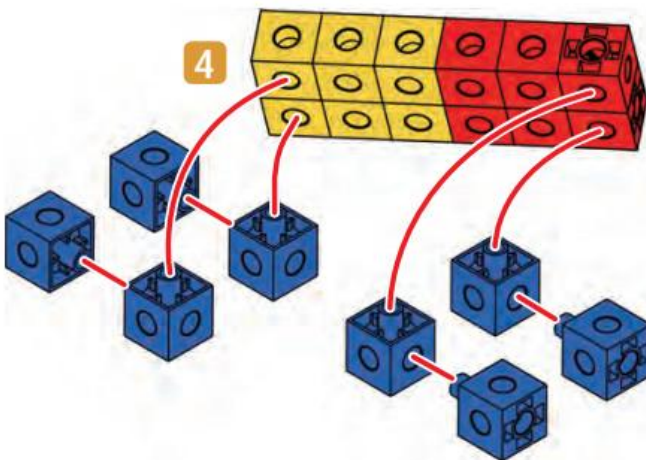
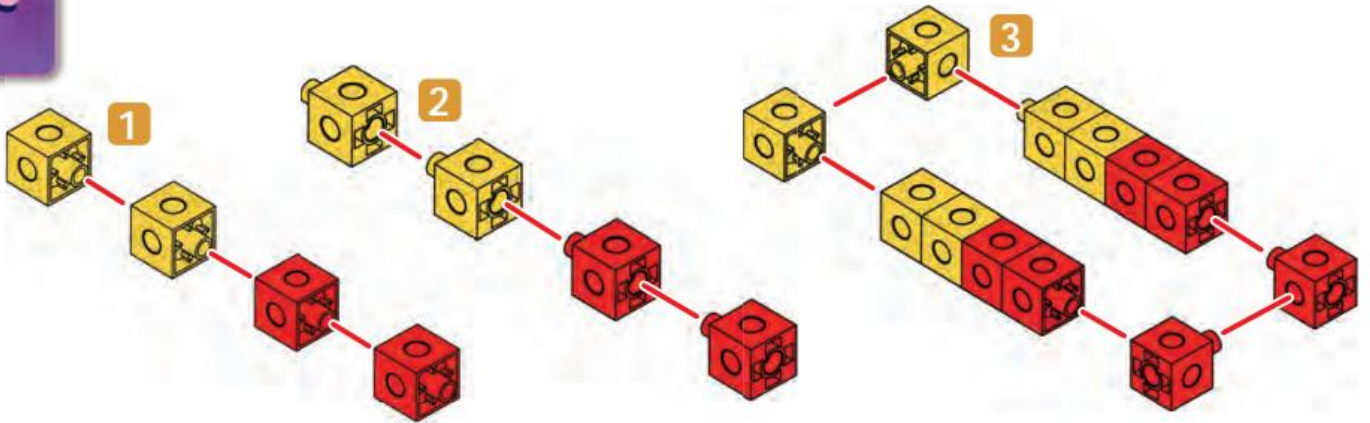




## 橋

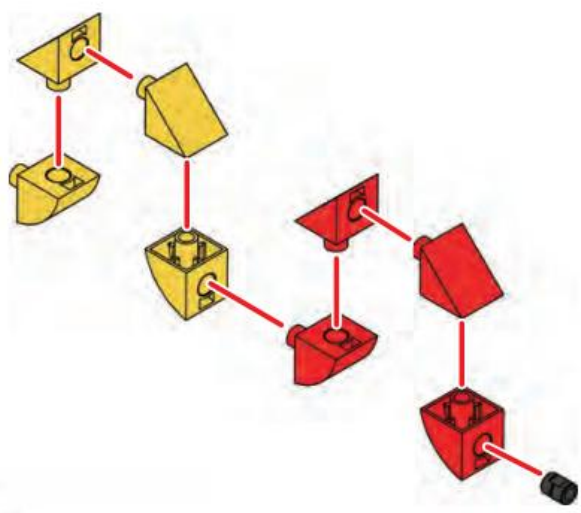
## Bridge

x6	x8	x6	x8	x4	x4	x4	x4	x4	x4	x4	x4	x4

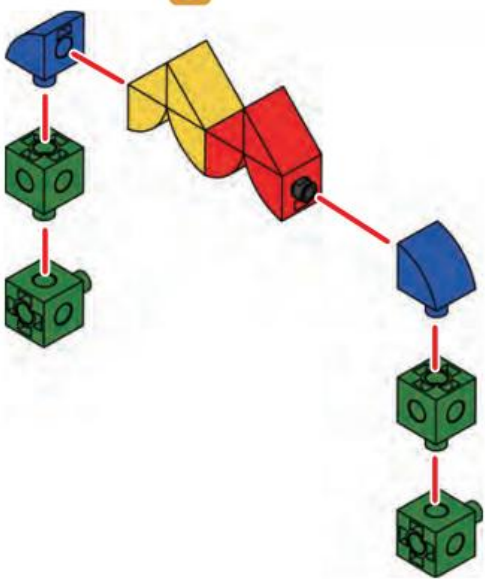




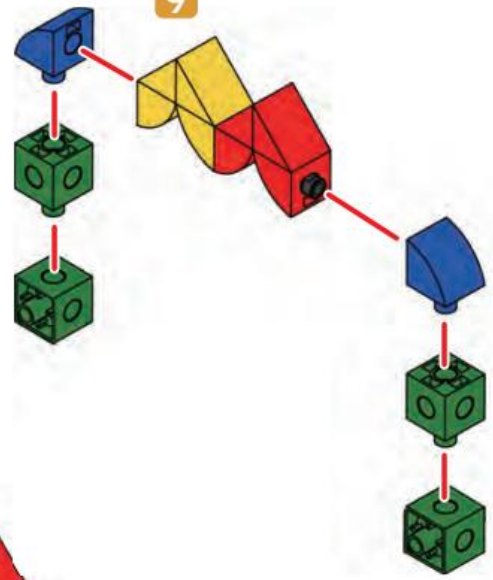
7 x2



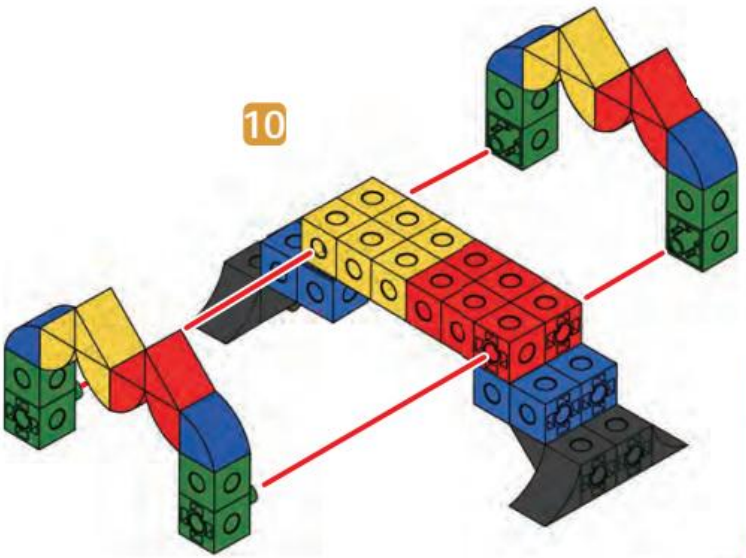
8



9



10

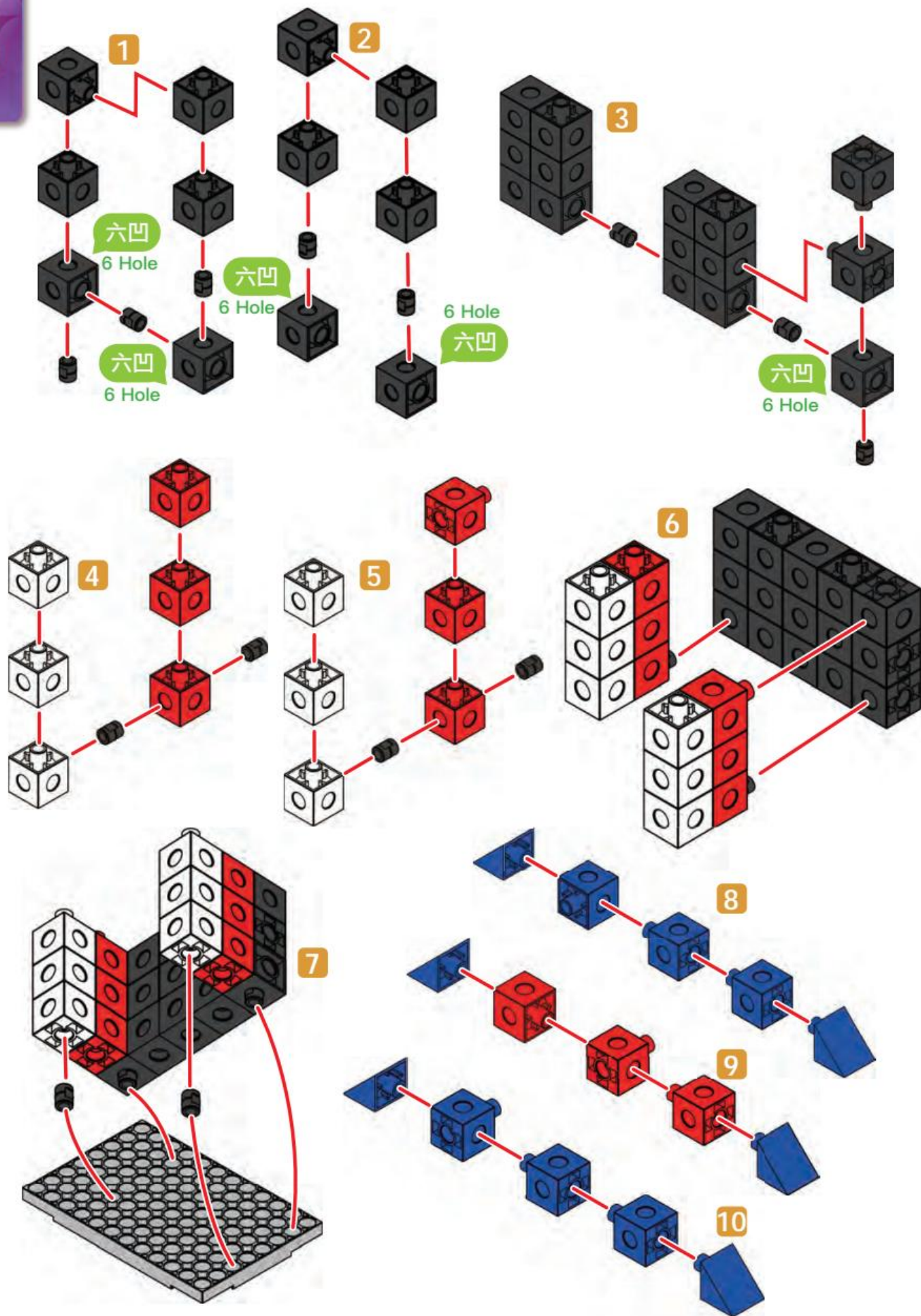
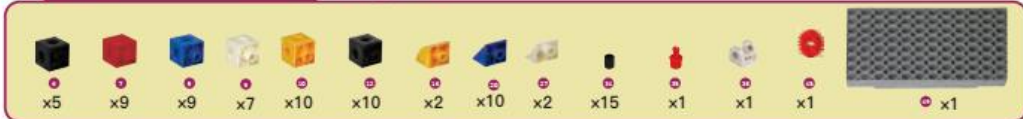


完成  
Done

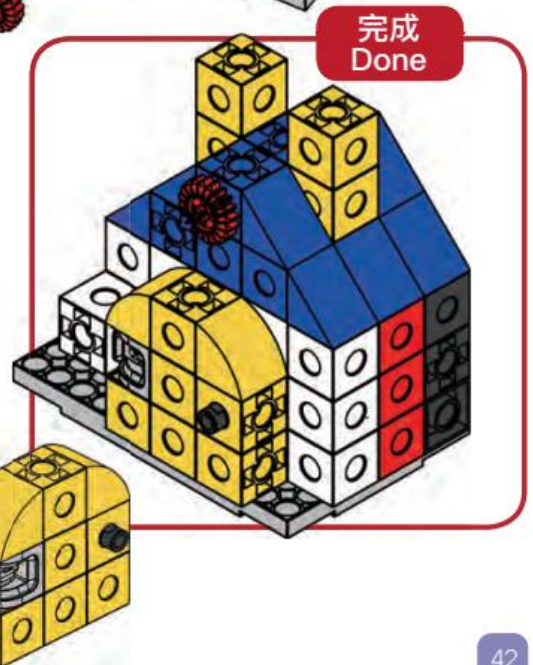
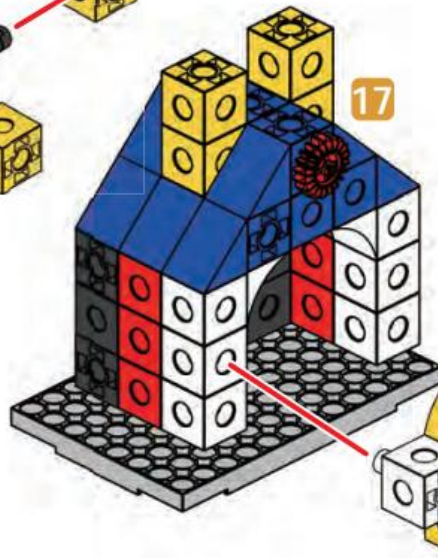
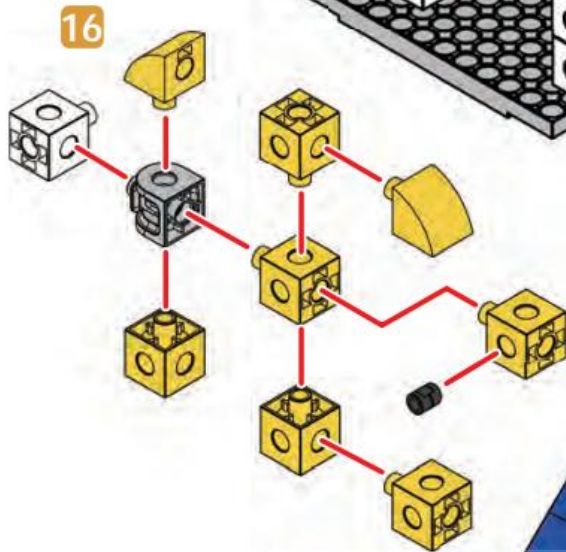
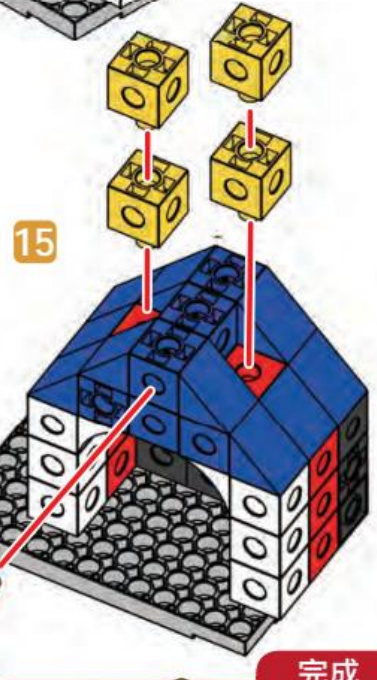
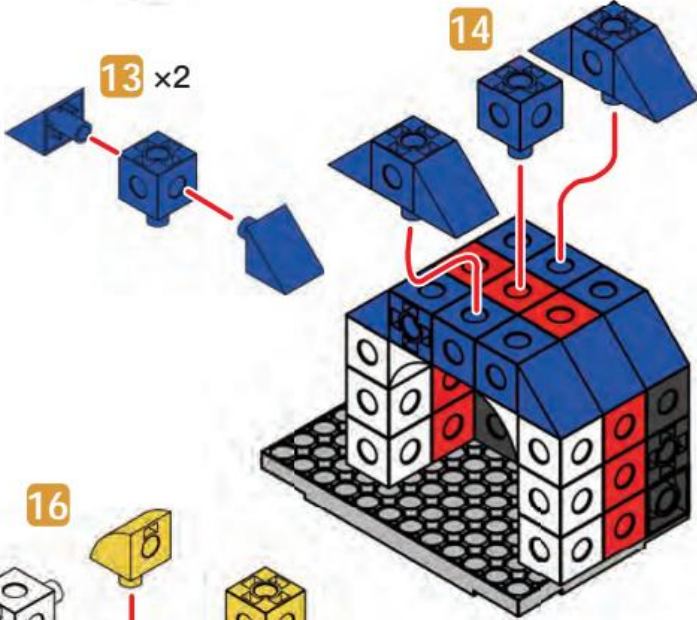
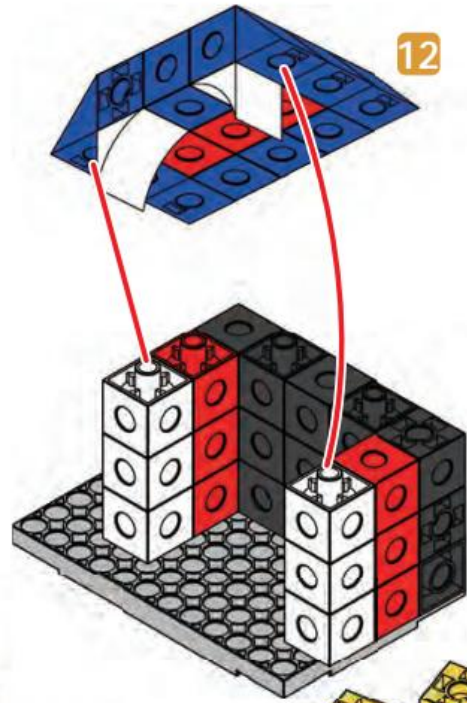
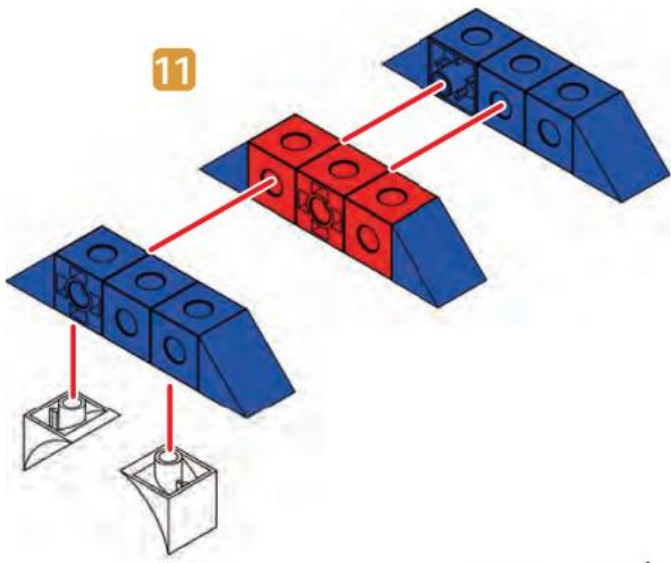


## 平房

## Bungalow



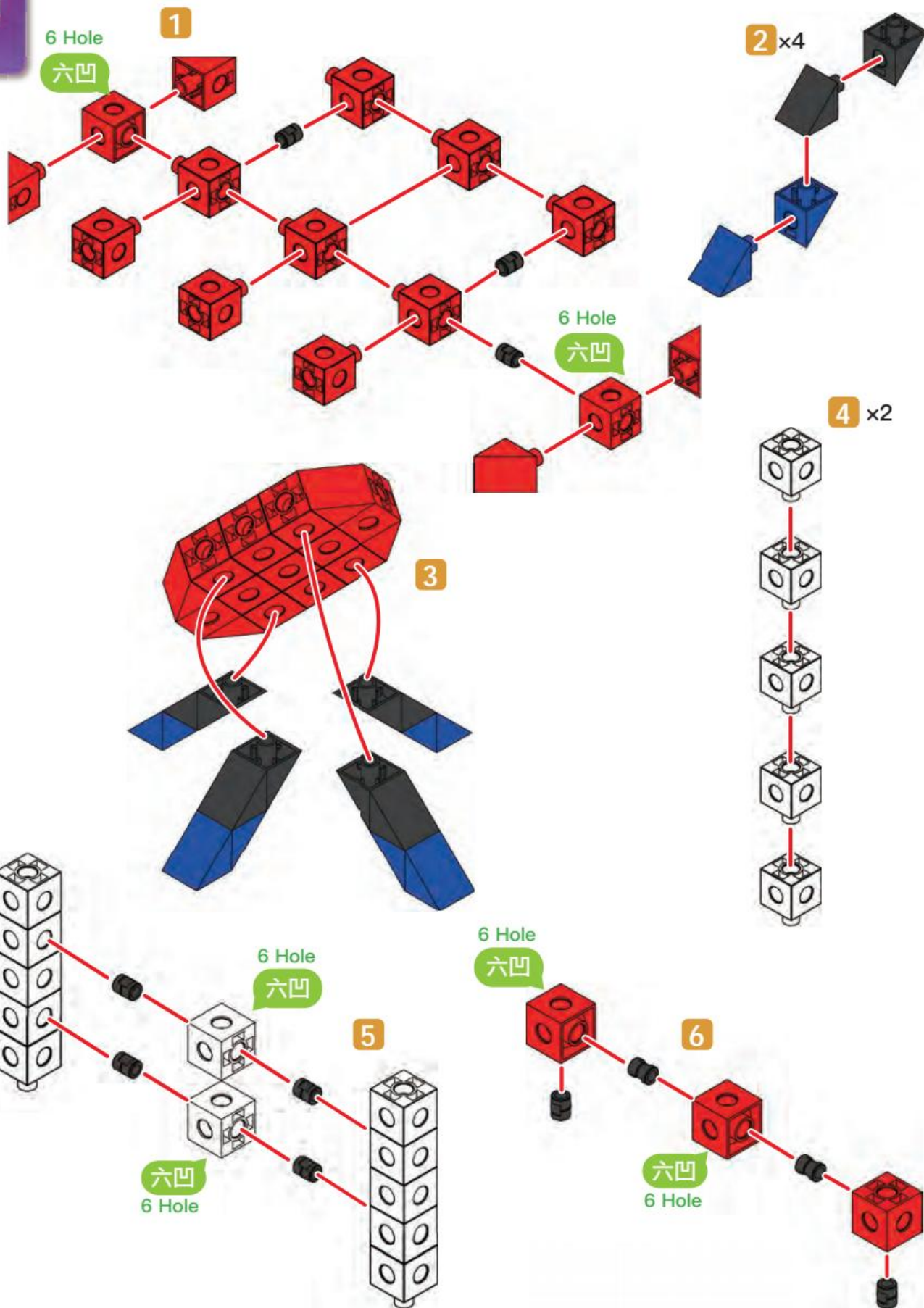




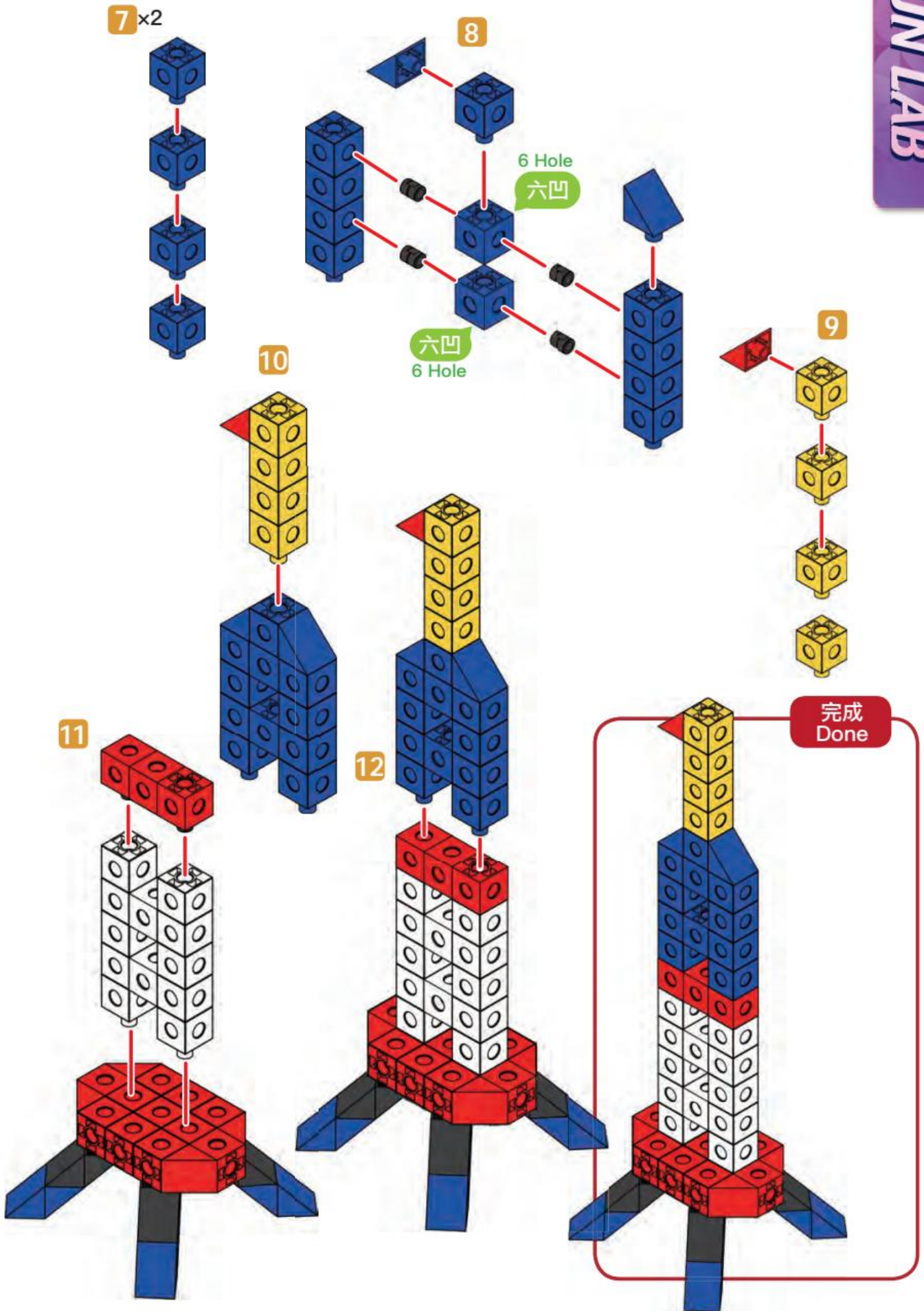
## 鐵塔

## Iron tower

x5	x2	x2	x9	x9	x10	x4	x5	x10	x8	x15	



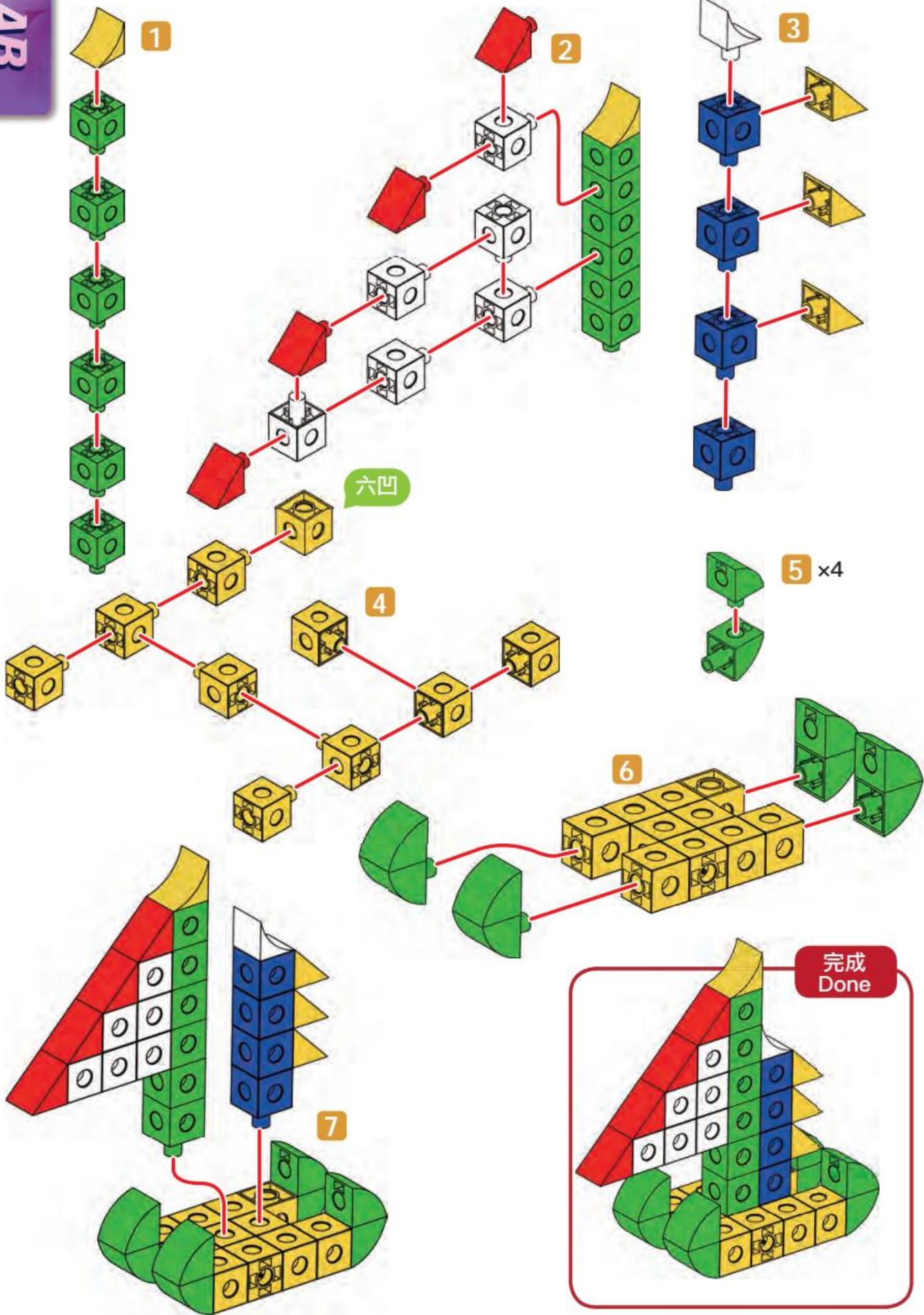




## 帆船

## Sail boat

x4	x4	x6	x9	x6	x8	x4	x3	x1	x1





# 直昇機

# Helicopter



**1** x4

**2** 六凹

**3**

**4**

**5**

**6**

**7**

**完成 Done**

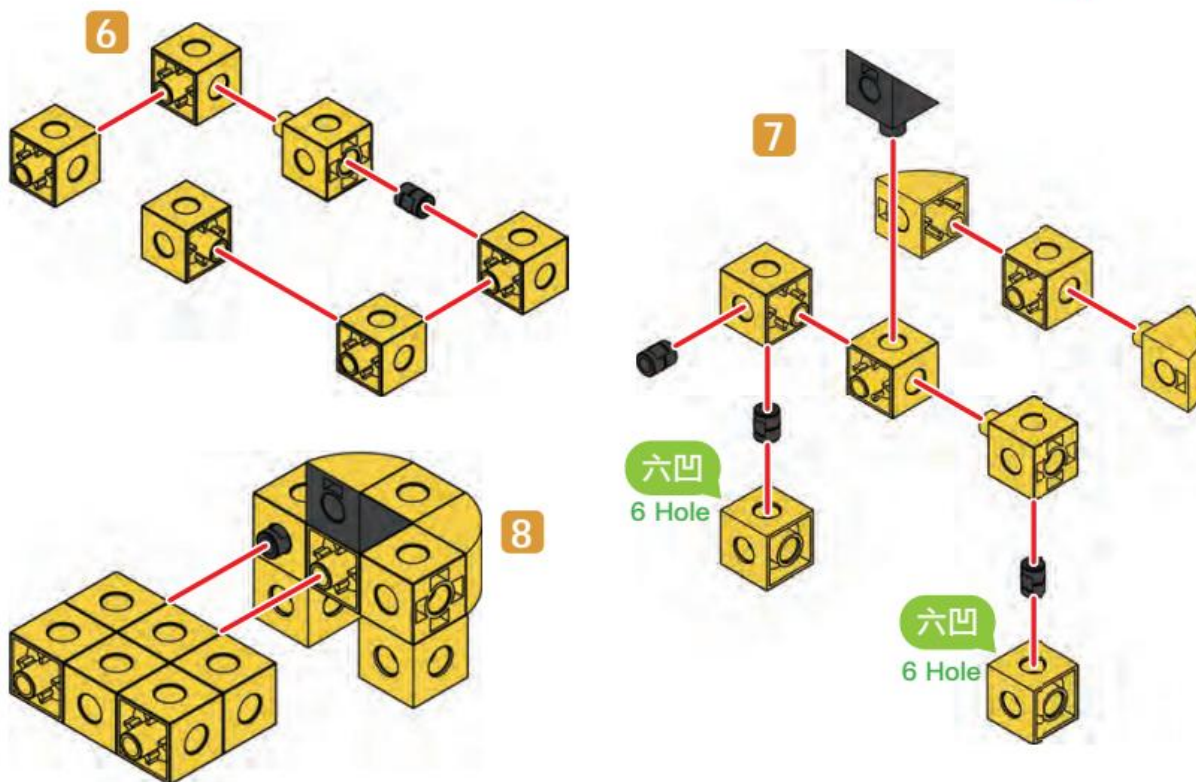
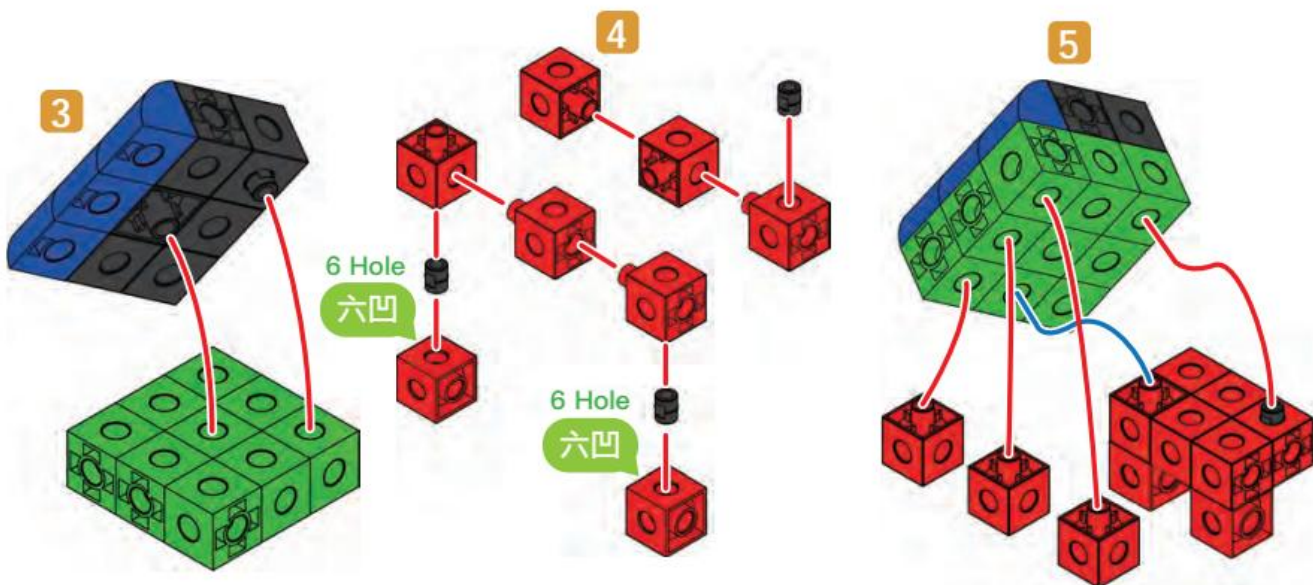
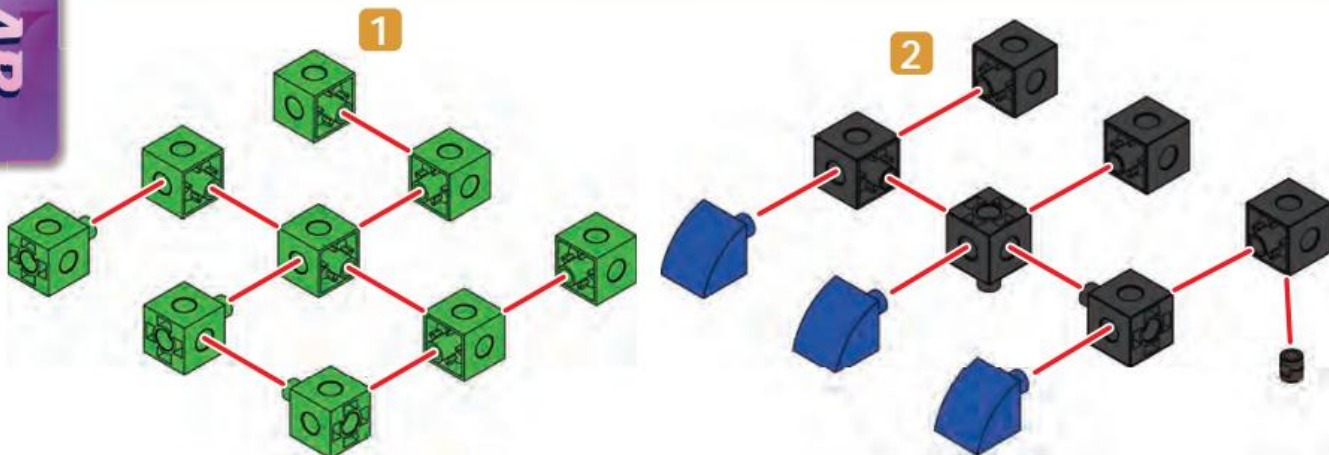
The diagram illustrates the assembly of a helicopter model using LEGO Technic bricks. It consists of seven numbered steps:

- Step 1: Four pairs of blue 1x1 Technic bricks are connected by red pins.
- Step 2: A yellow 24-tooth gear is mounted on a red pin. A white 1x1 Technic brick with a hole (labeled '六凹') is placed on top of the gear. Blue 1x2 Technic bricks are attached to the sides of the gear assembly.
- Step 3: A vertical stack of bricks is formed. From bottom to top: a white 1x1 Technic brick with a hole, a green 1x1 Technic brick with a hole, and a red 1x1 Technic brick with a hole. Red pins connect these bricks to the blue bricks from step 1.
- Step 4: The structure is expanded. A second vertical stack (white, green, red) is added to the right. Red pins connect the white bricks to the blue base bricks.
- Step 5: A black 1x1 Technic brick with a hole is added to the top of the left vertical stack. Red pins connect it to the blue base bricks.
- Step 6: The two vertical stacks are joined together. A red pin connects the top of the left stack to the top of the right stack. The gear assembly from step 2 is attached to the top of the right stack.
- Step 7: Final assembly. A blue 1x1 Technic brick with a hole is added to the bottom of the right stack. A red pin connects it to the blue base bricks.

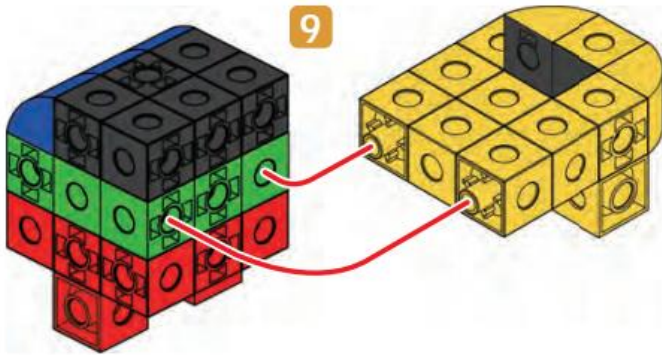
The final completed model is shown in a red-bordered box, labeled '完成 Done'. It features a central gear mechanism supported by a structure of red, green, and white bricks, all mounted on a blue base.

## 拖吊車

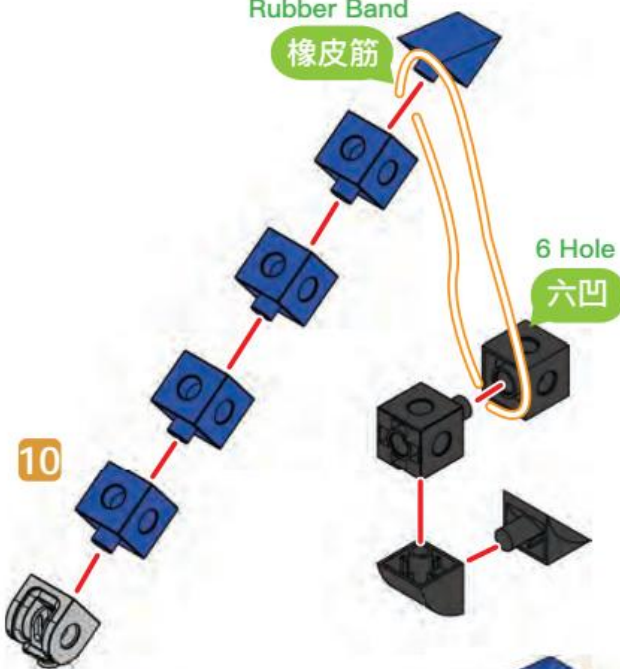
## Tow truck



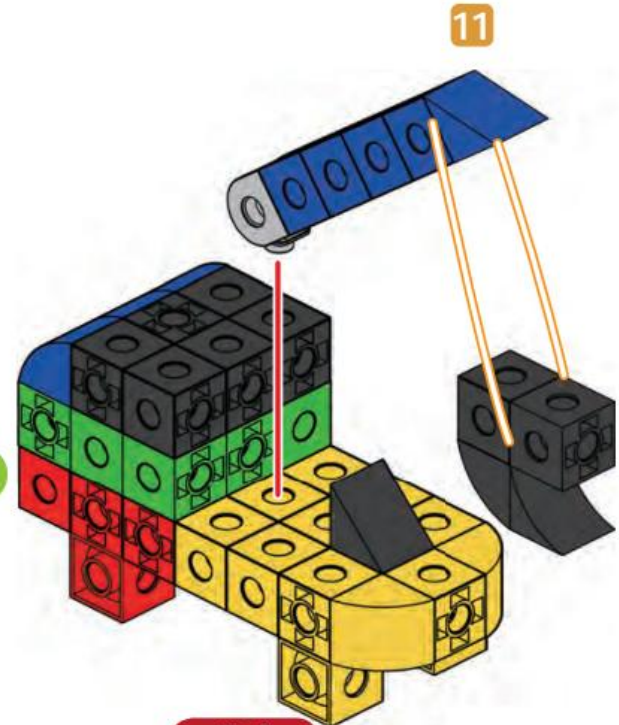




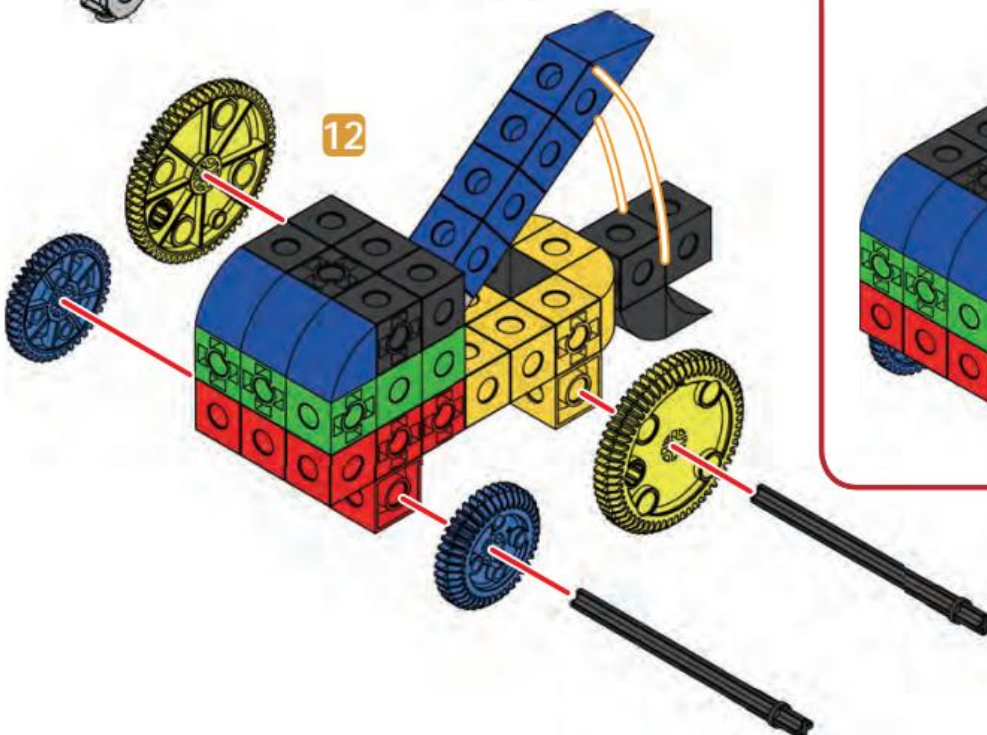
Rubber Band  
橡皮筋



6 Hole  
六凹

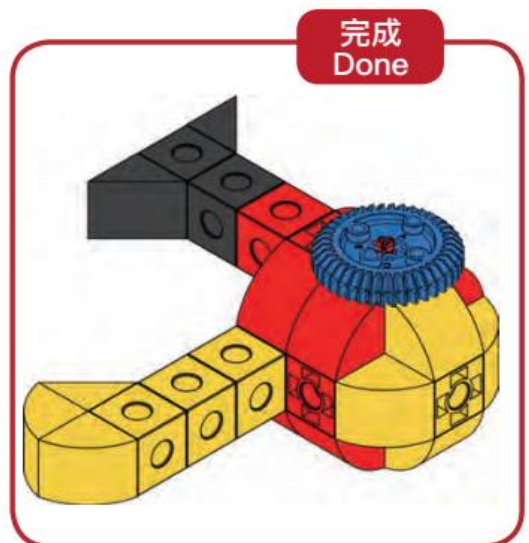
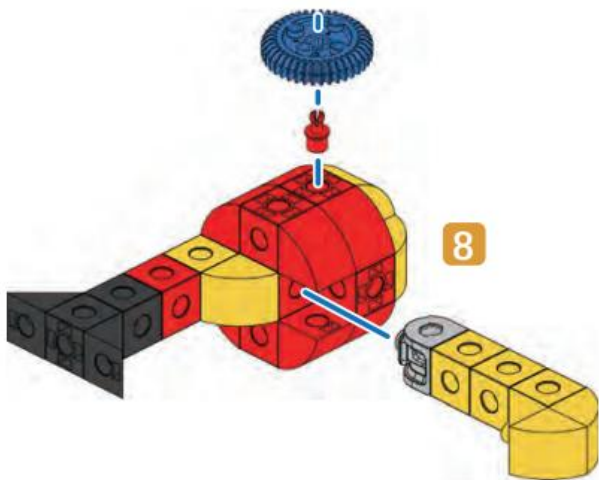
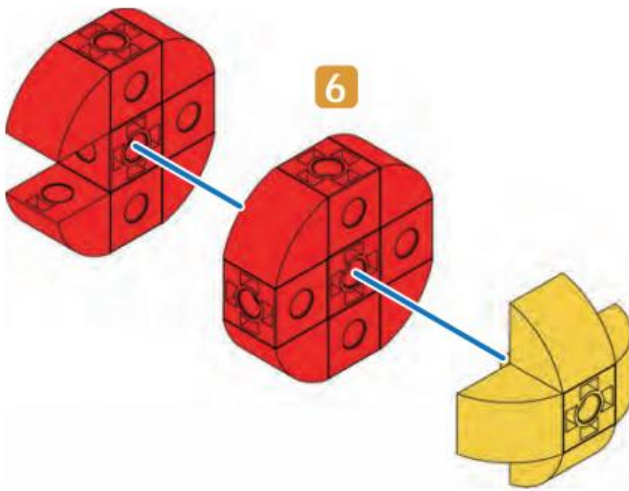
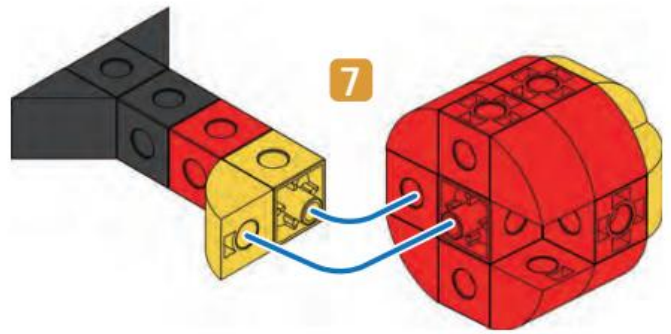
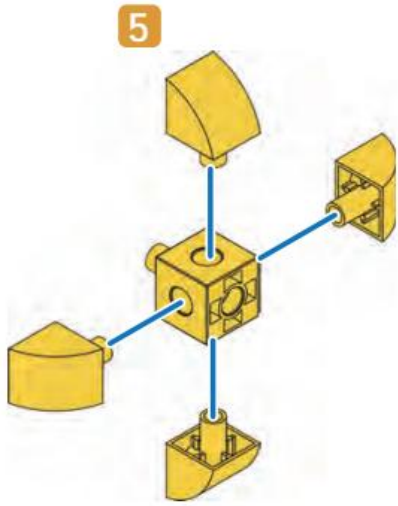


完成  
Done



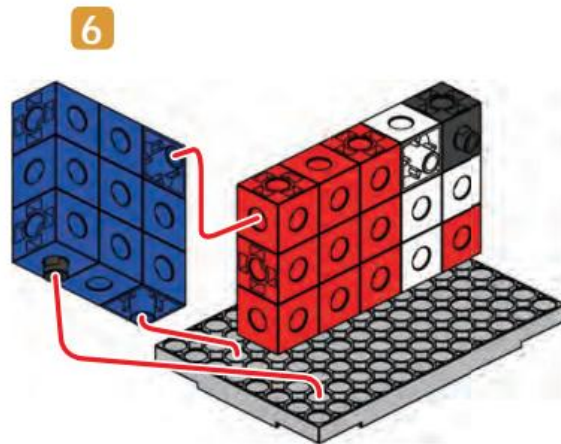
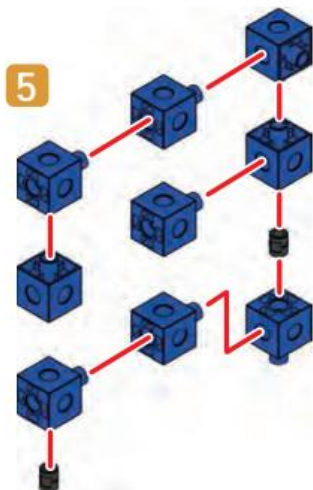
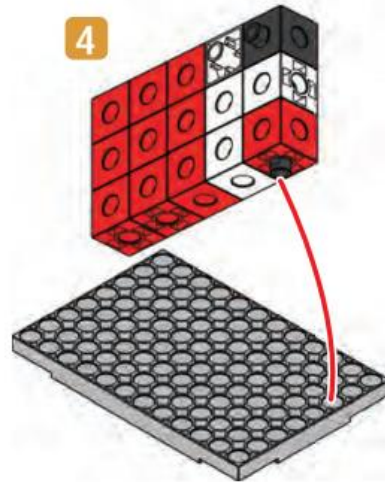
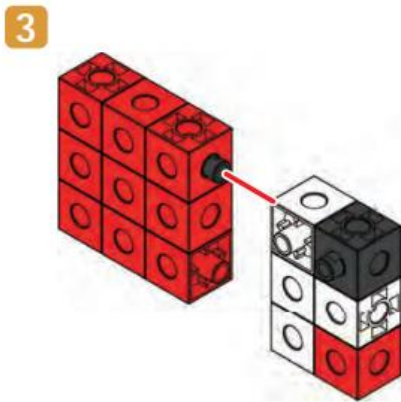
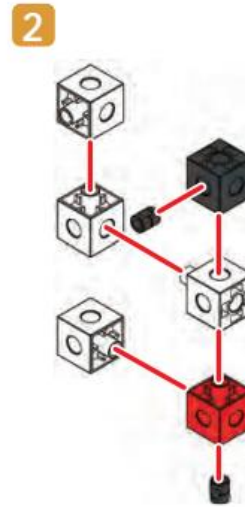
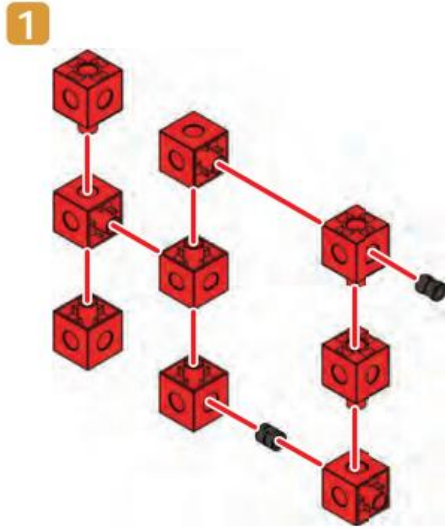
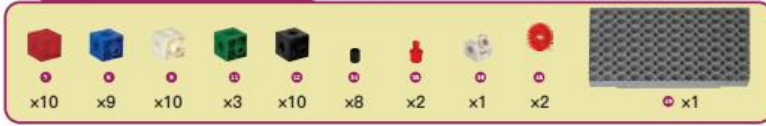






## 烤箱

## Oven



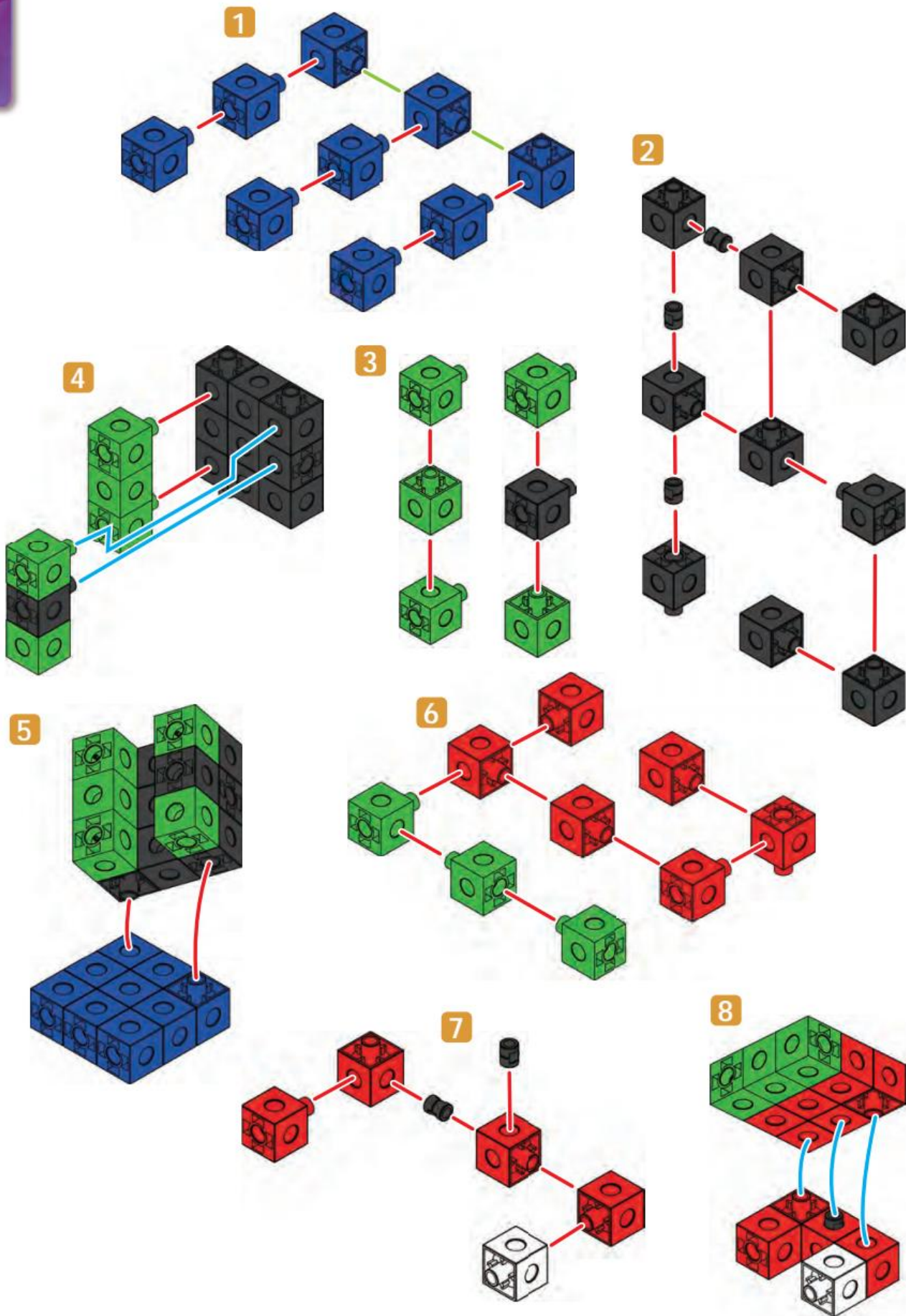




## 冰箱

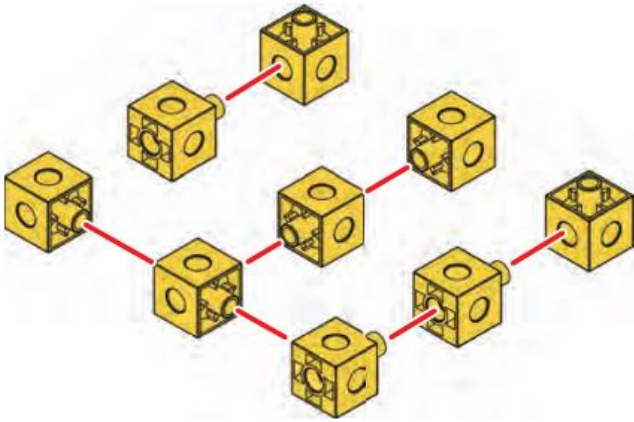
## Refrigerator

x2	x10	x9	x7	x9	x8	x10	x2	x10	x2	x2

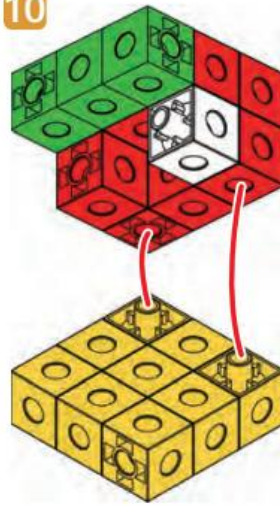




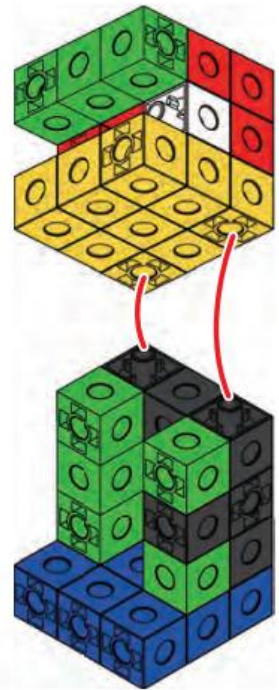
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10

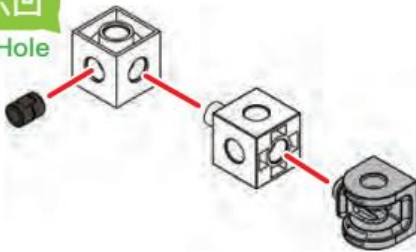


11



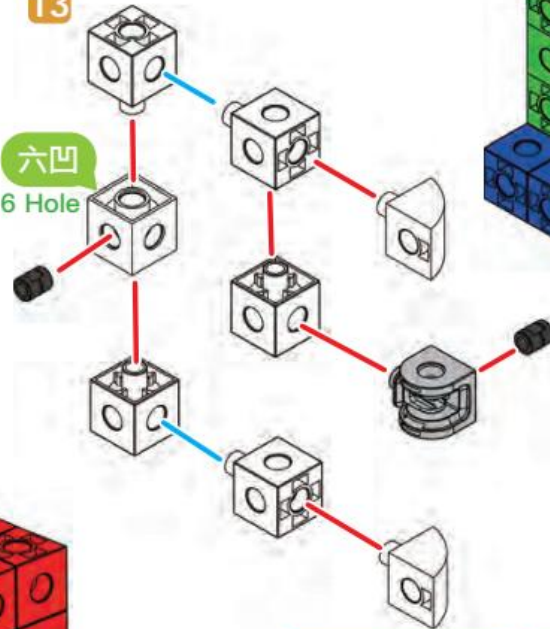
12

六凹  
6 Hole

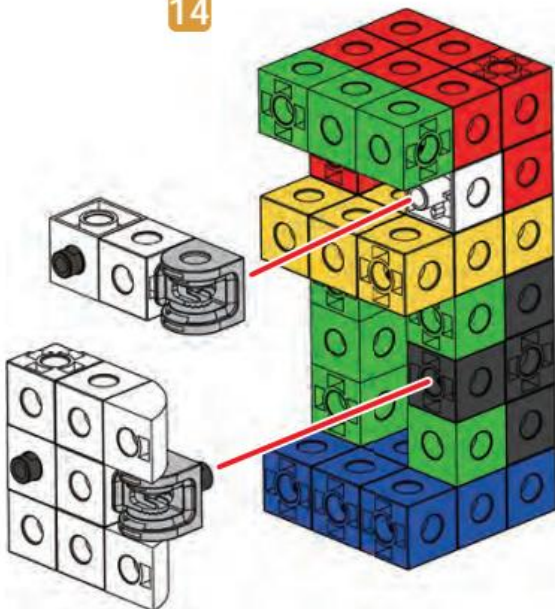


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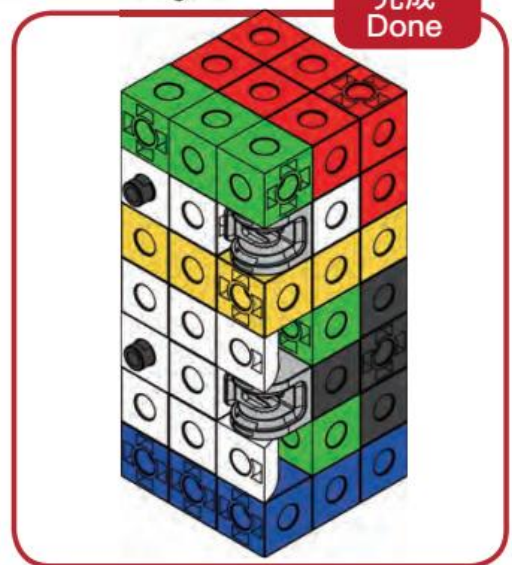
六凹  
6 Hole



14

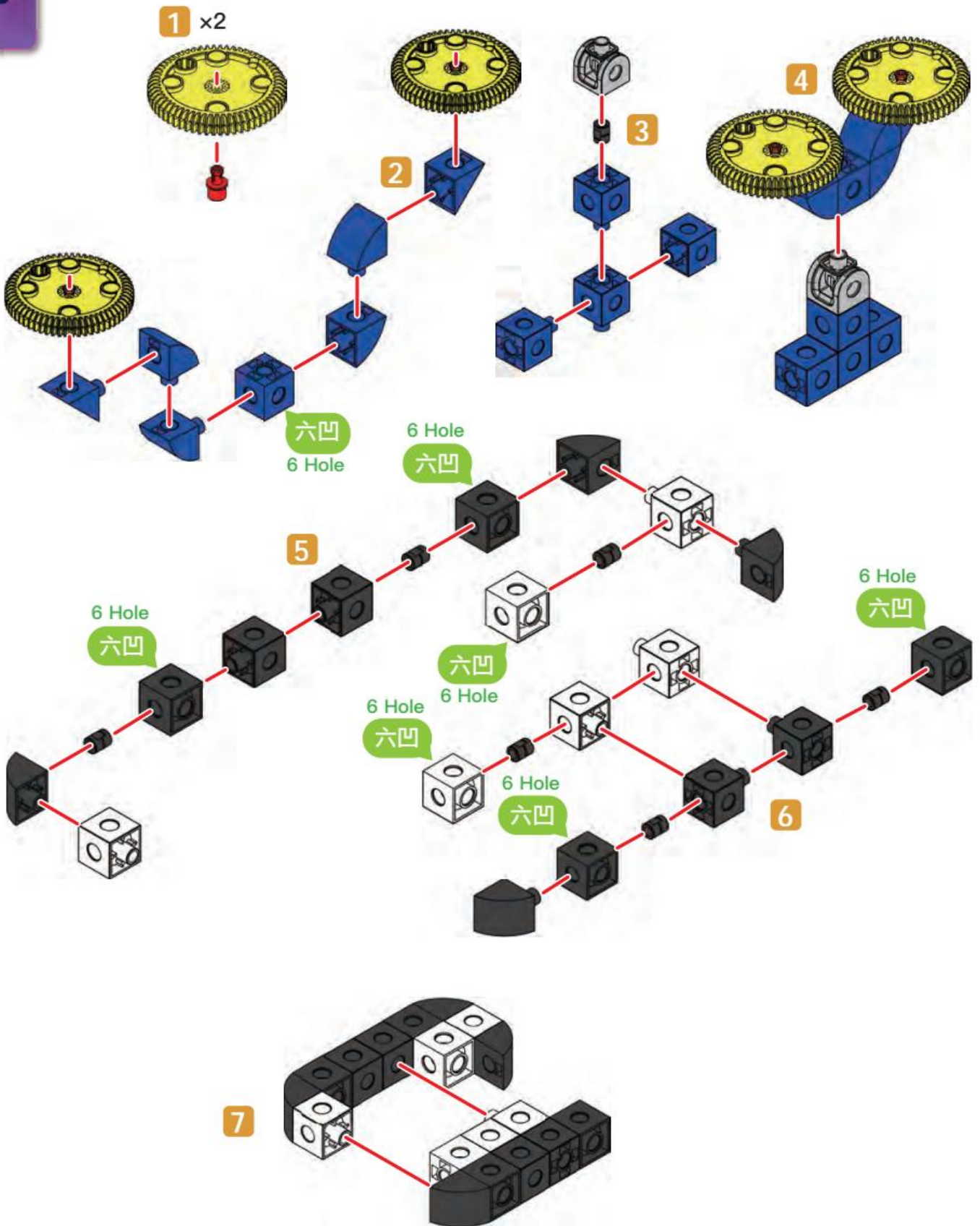
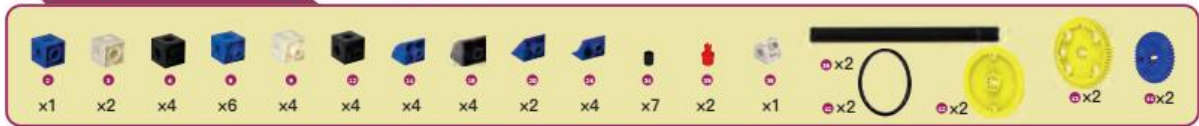


完成  
Done

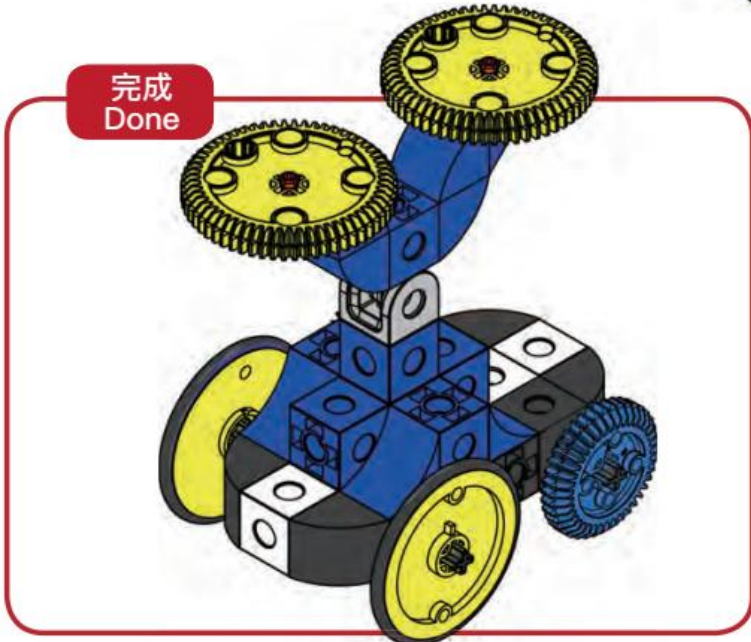
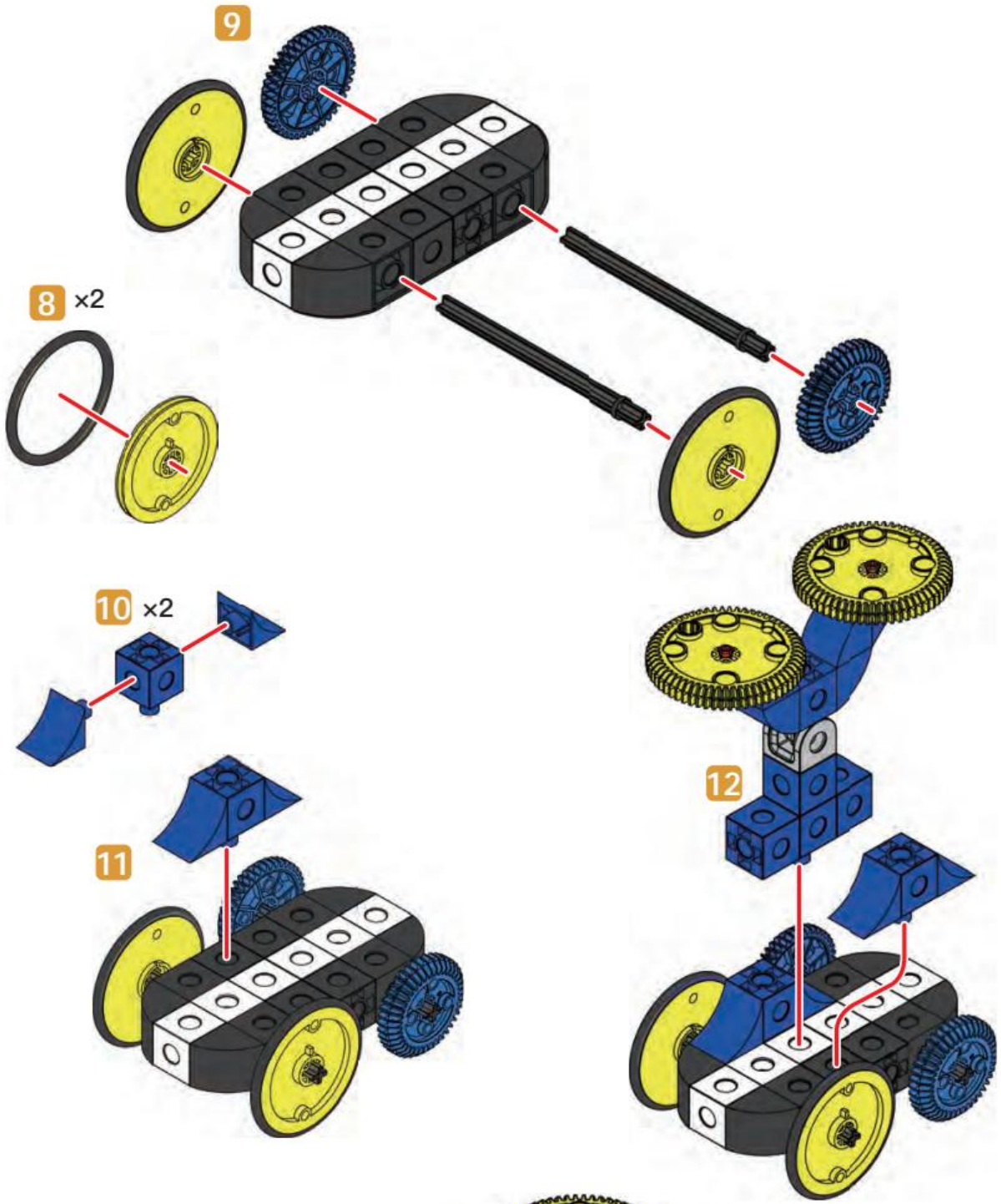


## 火星車

## Mars rover

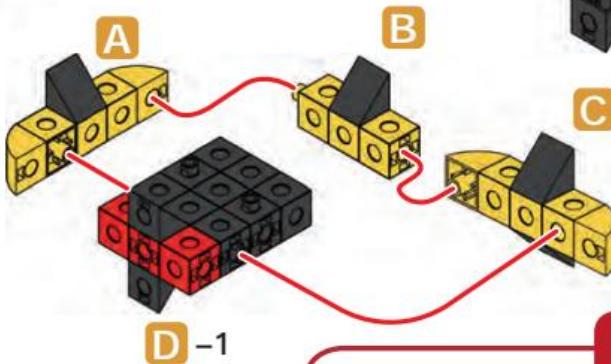
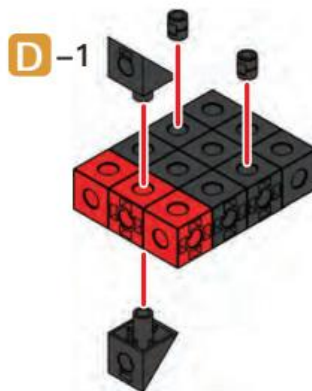
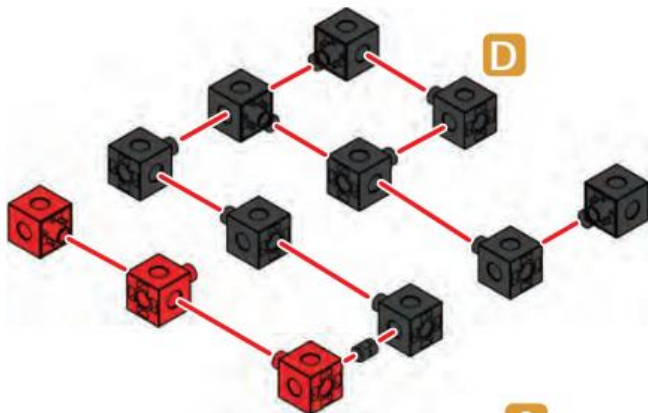
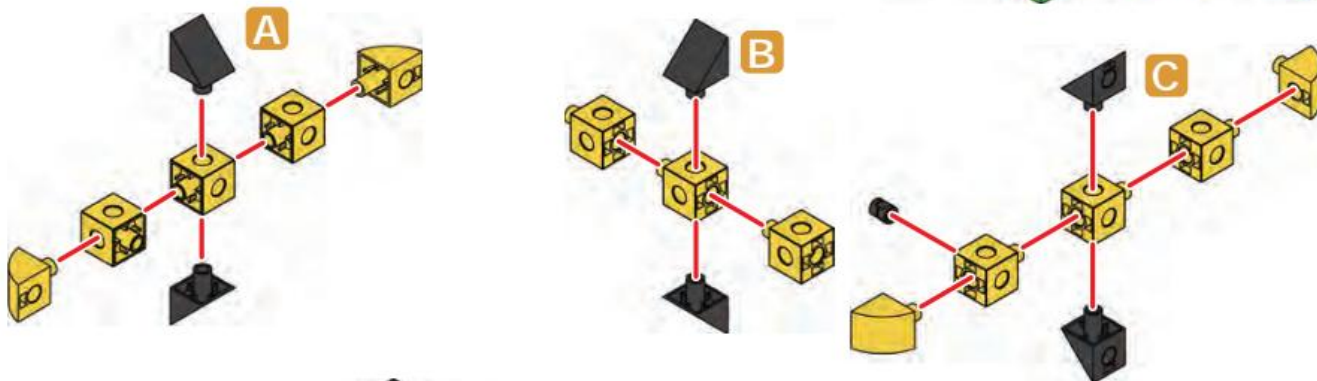
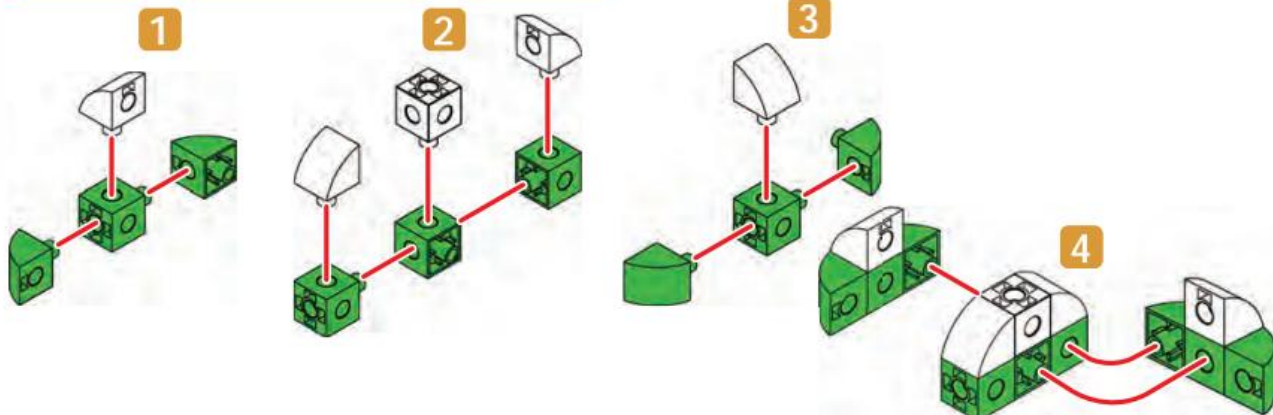
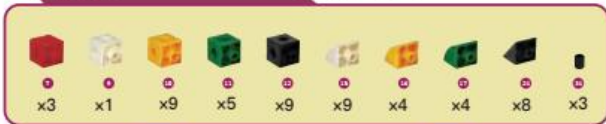






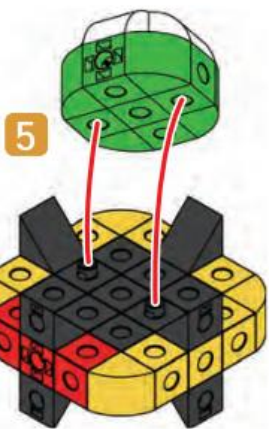
## 飛碟

## U.F.O.

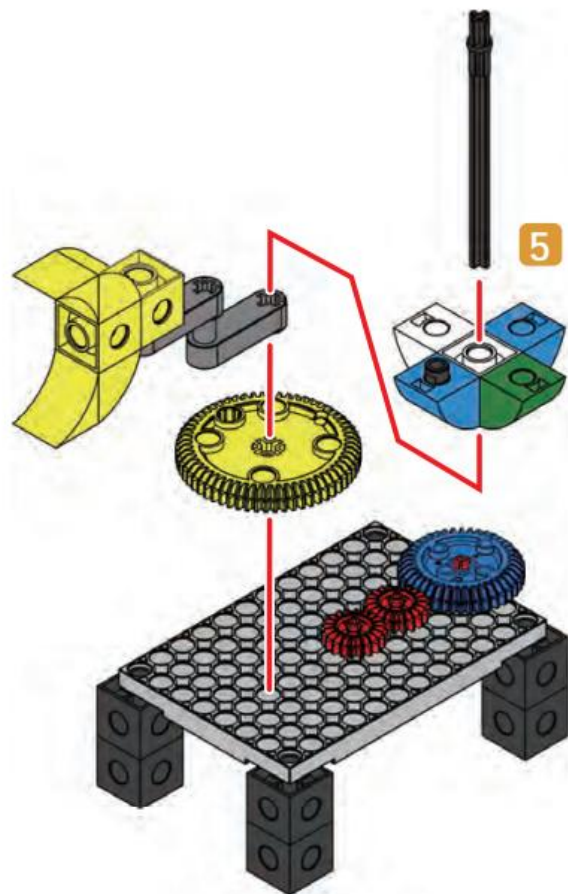
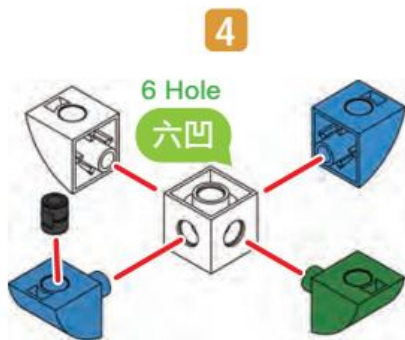
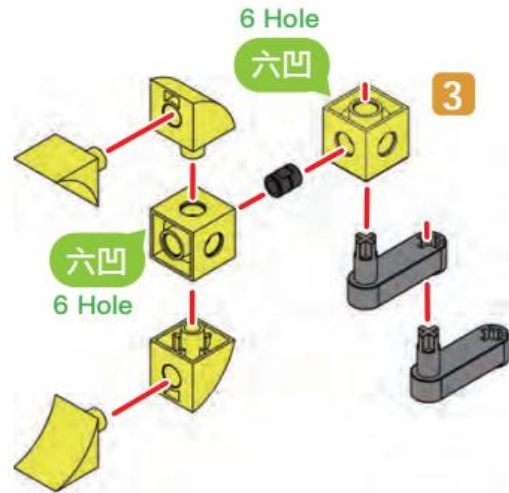
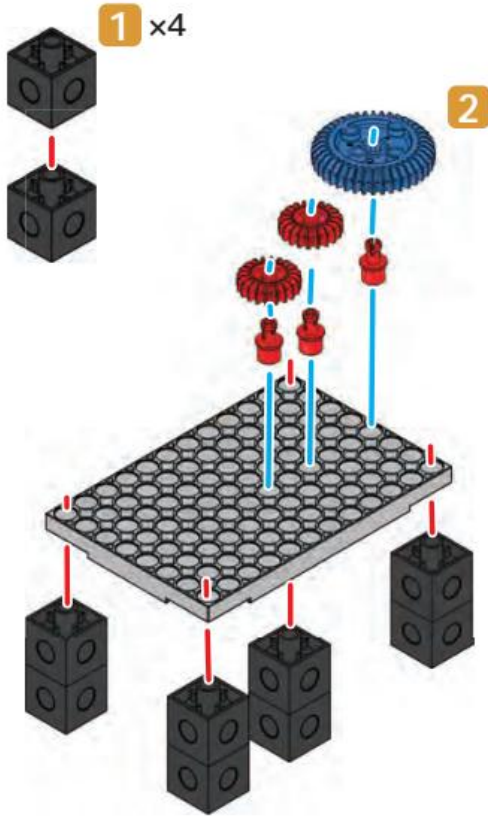


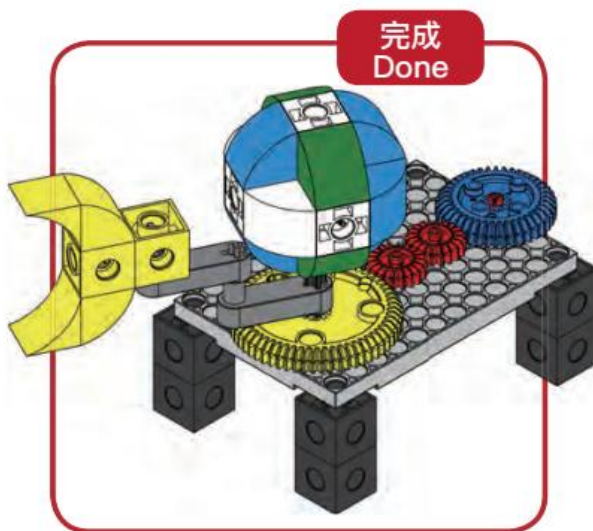
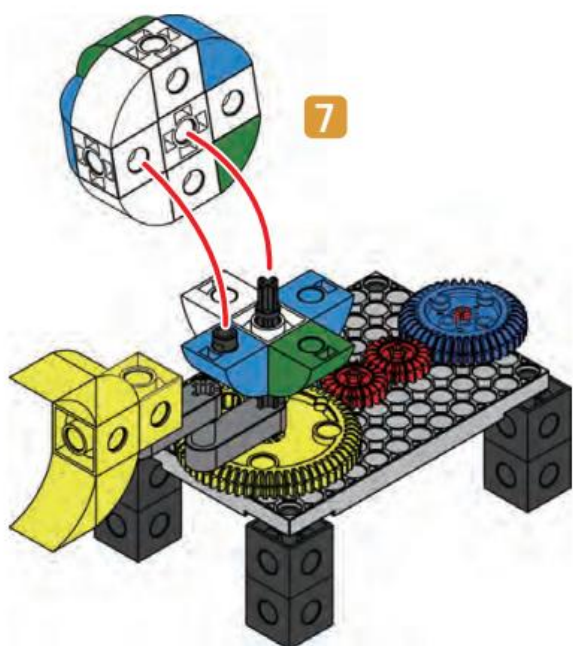
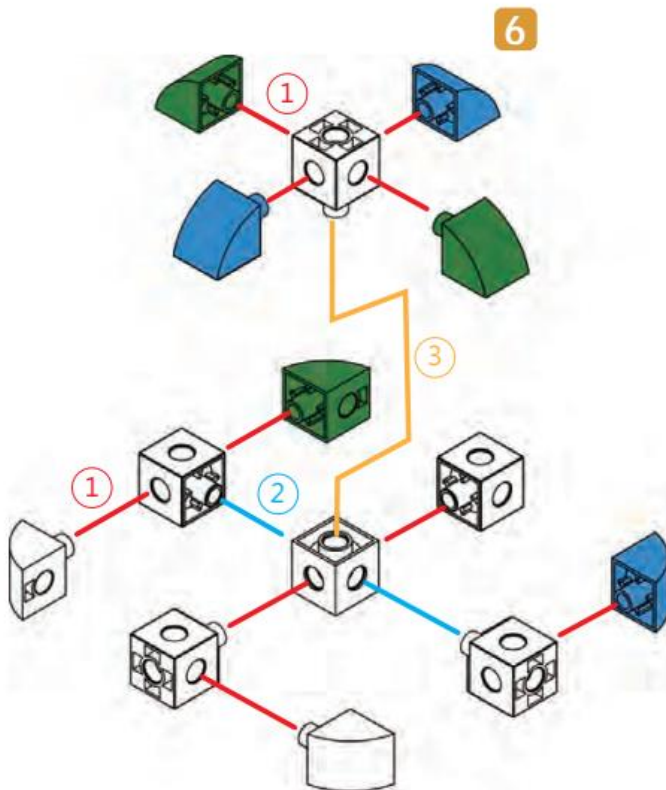
D-1

完成  
Done









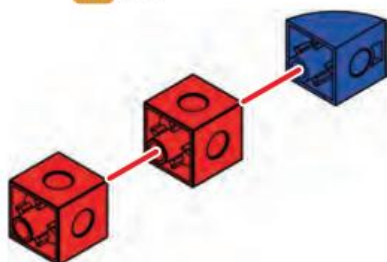


## 陀螺

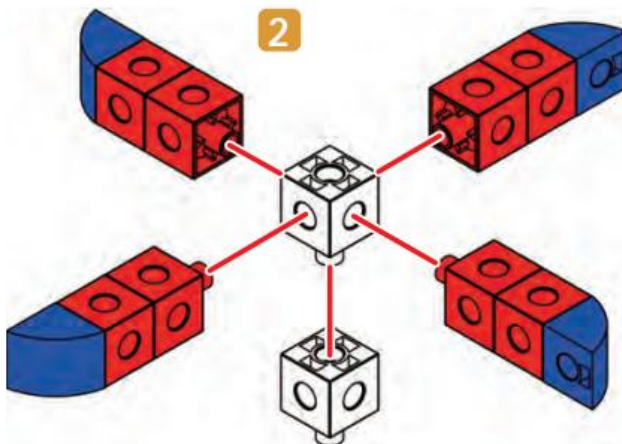
## Whipping top



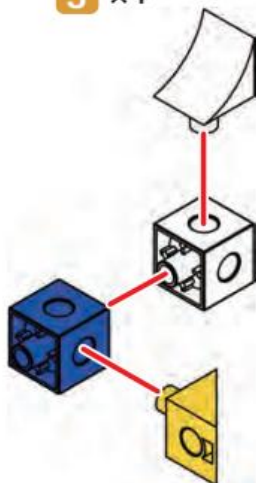
1 x4



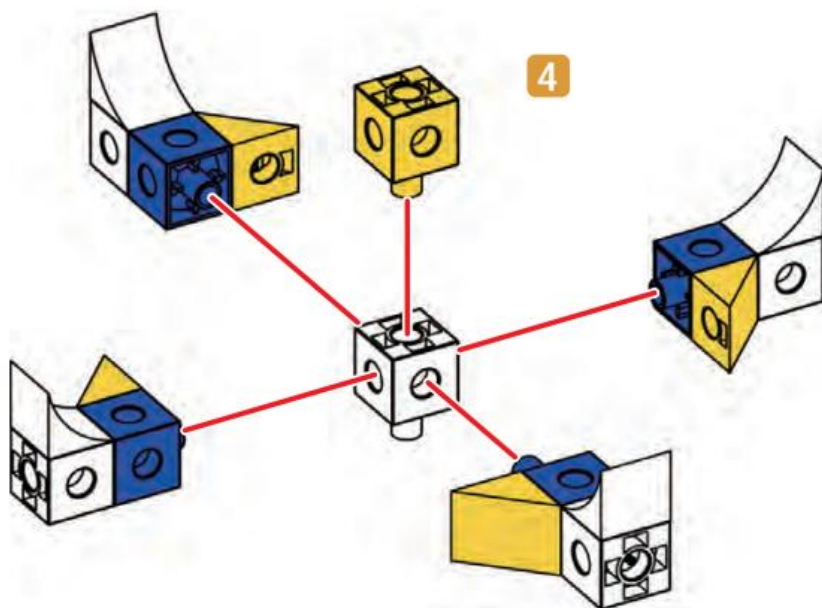
2



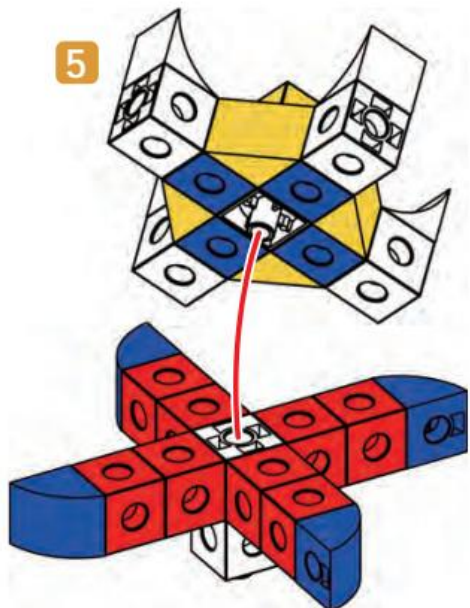
3 x4



4



5

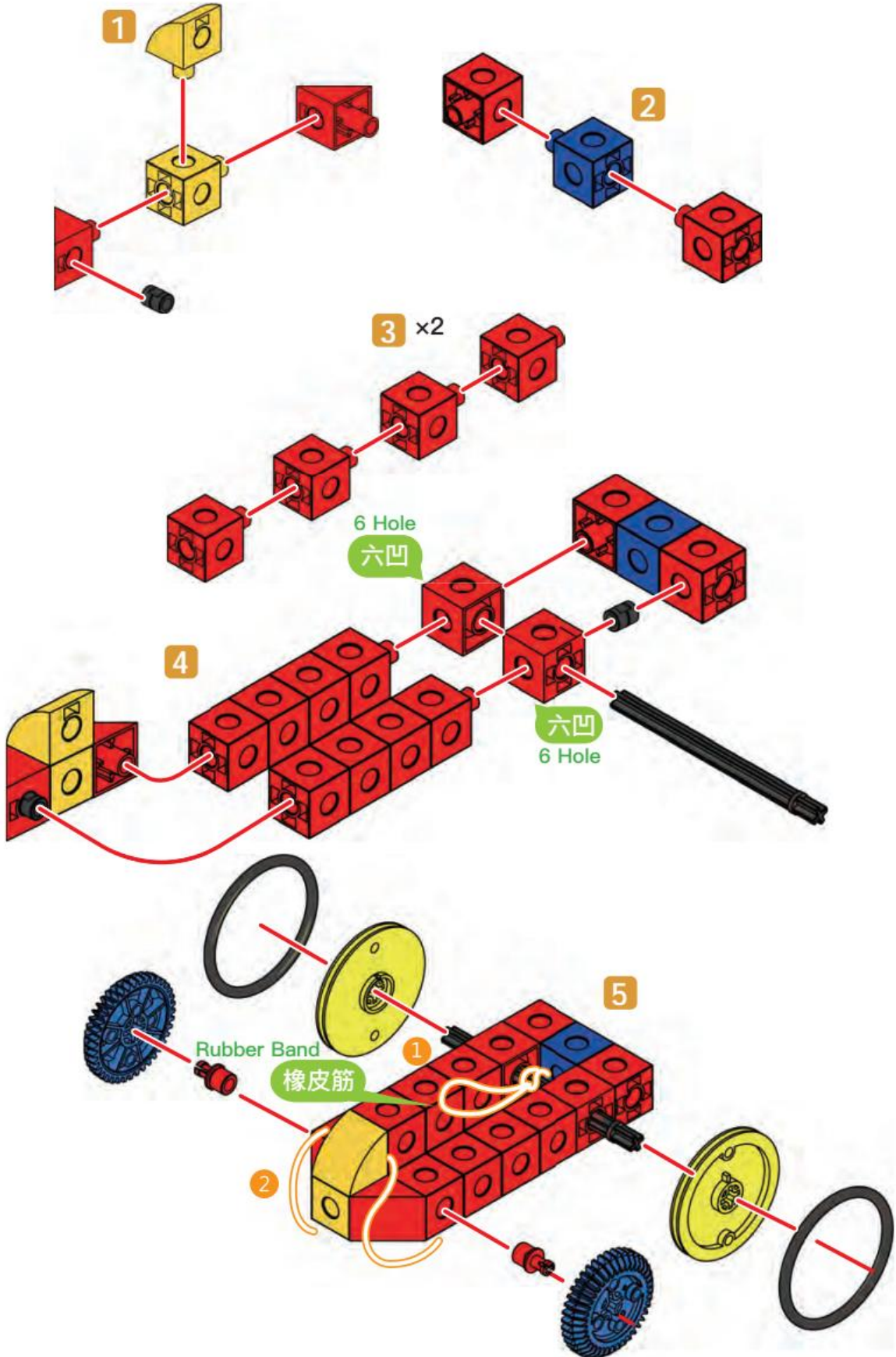
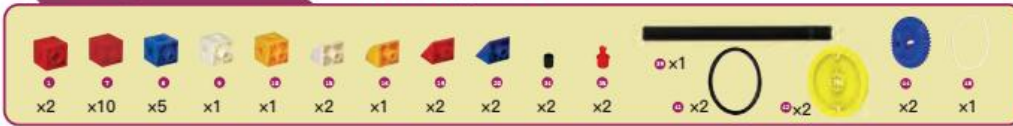


完成  
Done

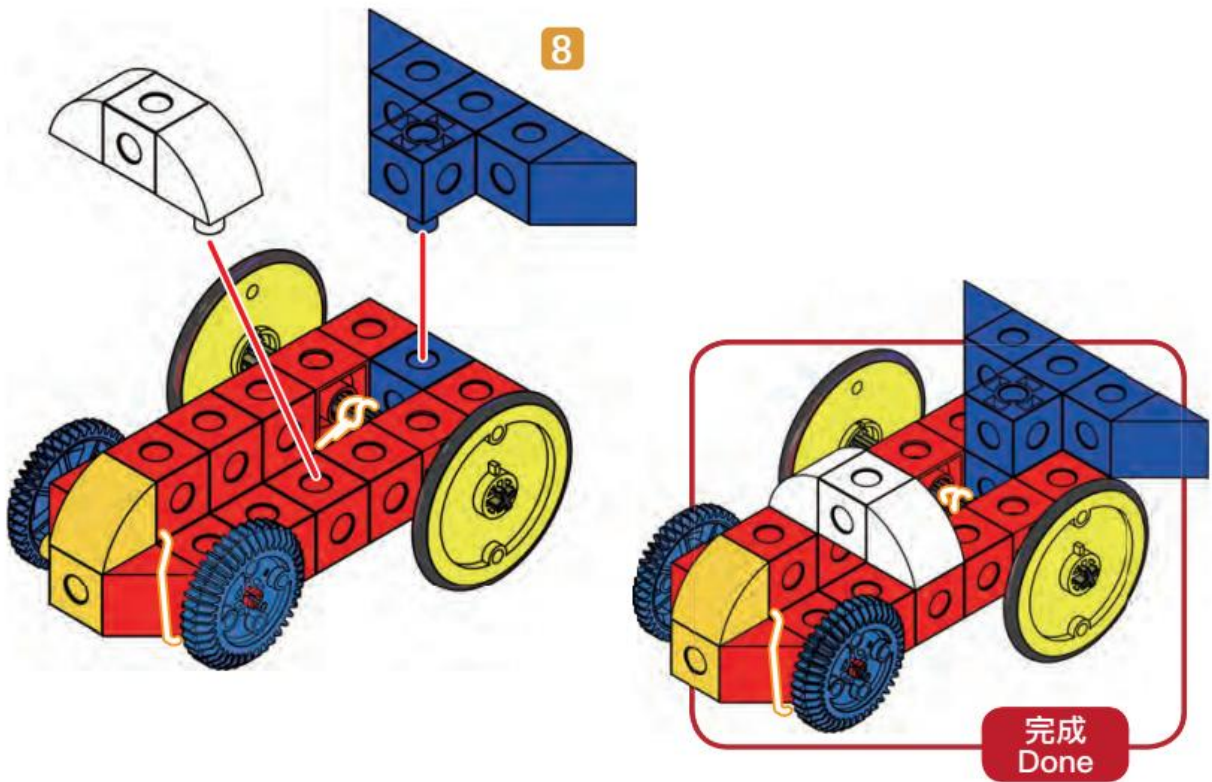
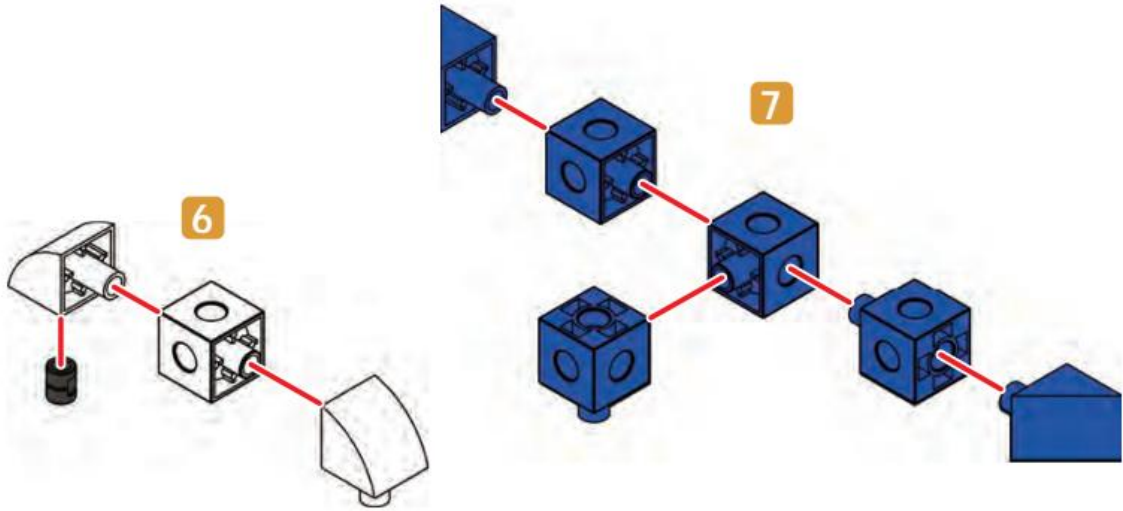


## 迴力車

## Restoring force car







## 投石機

## Catapult

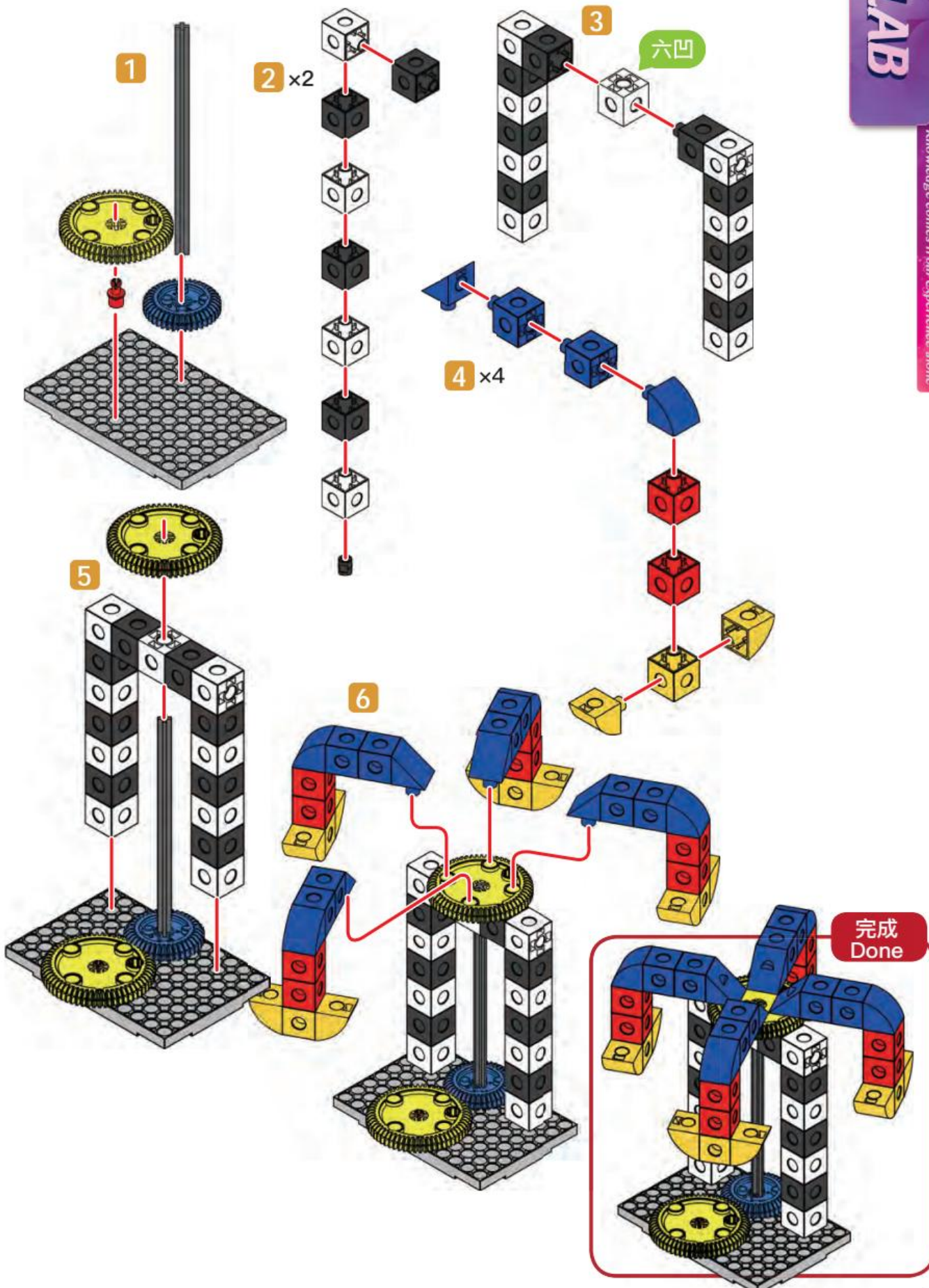
x2	x7	x10	x10	x4	x4	x1	x2	x2

完成  
Done



# 旋轉飛機

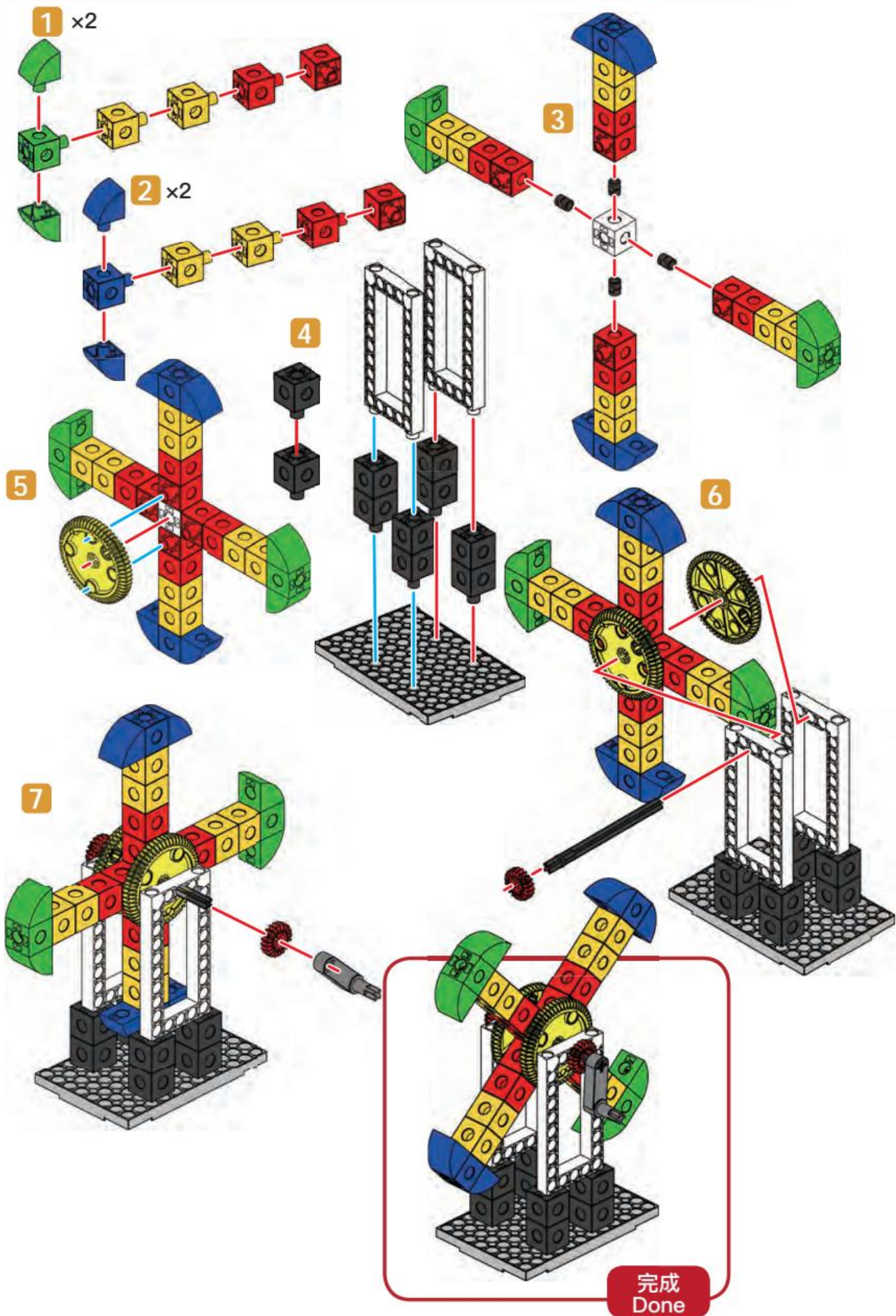
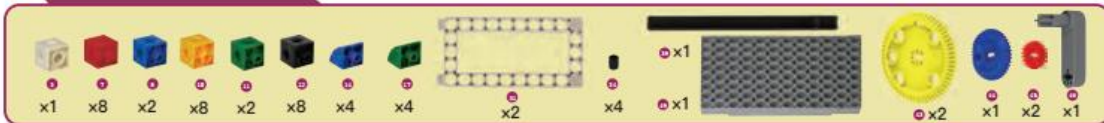
## Spinning airplane





## 摩天輪

## Ferris wheel



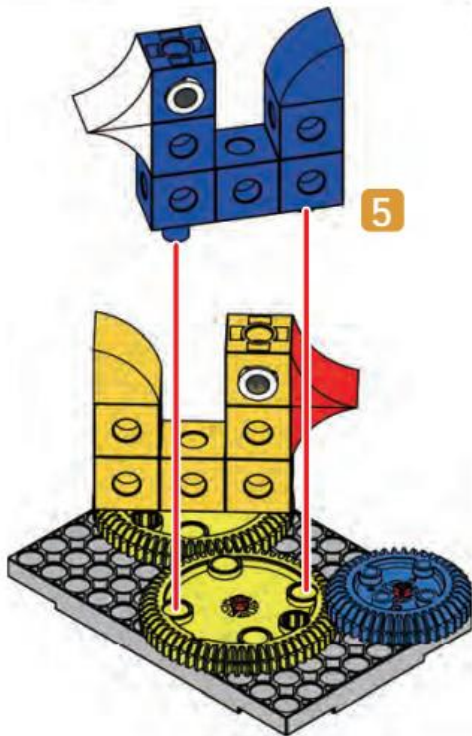
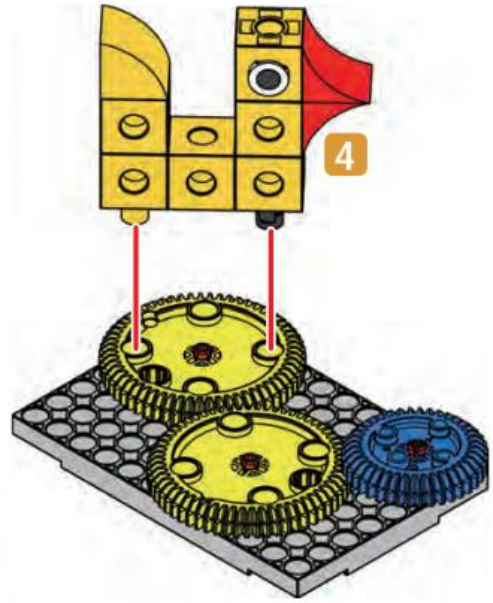
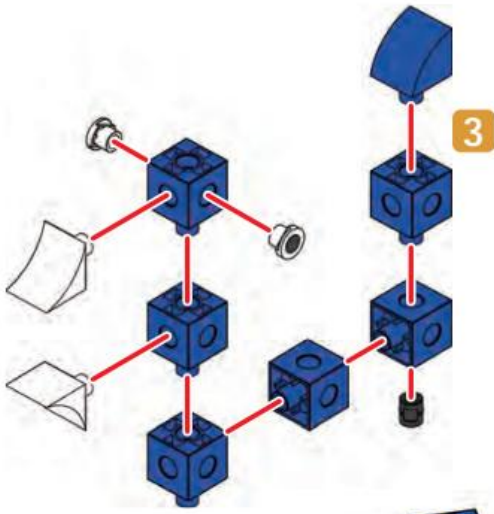
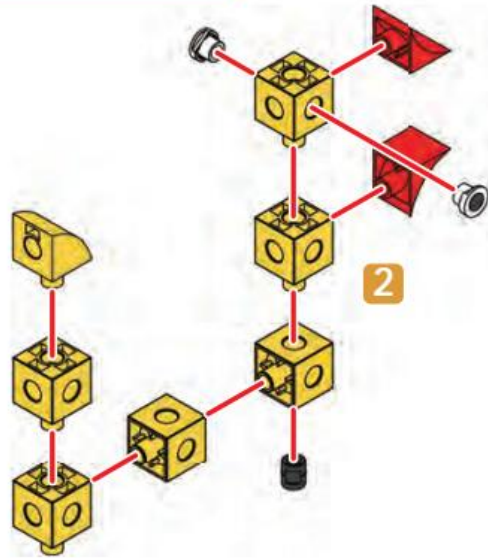
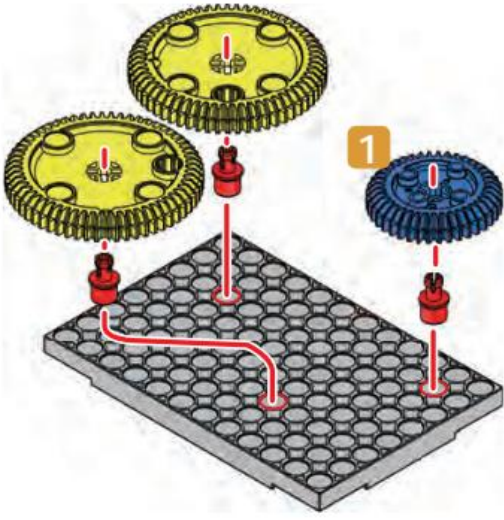
完成  
Done



# 旋轉鴨子

## Spinning ducks

x6	x6	x1	x1	x2	x2	x2	x3	x4	x2	x1	x1



完成  
Done



# FUN LAB



#1260  
創意積木組  
CREATIVE CUBE



#1261  
科學探索組  
SCIENTIFIC TOUR



#1270  
趣味機關組  
FUN WITH  
MECHANISM



#1262  
電學補充包  
ELECTRICITY KIT



#1263  
電磁補充包  
ELECTROMAG-  
NETISM KIT



#1264  
氣動補充包  
PNEUMATICS  
KIT



#1265  
風力補充包  
WIND POWER  
KIT



#1266  
水力補充包  
HYDRAULICS  
KIT



#1267  
光能補充包  
SOLAR POWER  
KIT



#1268  
基礎遙控補充包  
BASIC  
PROGRAMMABLE  
KIT



#1269  
S4G補充包  
S4G ROBOTIC  
KIT

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201601 V01-01