흑임자 조각케이크

조립 설명서



cocopro

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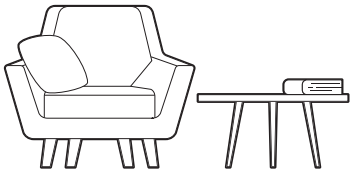
cocopro

안녕하세요 cocopro 입니다!
저희는 내부 구성부터 외관까지 직접! 만들어 보는 특별하고 이색적인 경험을 선물합니다.
cocopro의 첫 프로젝트 'air x cake'는 보이지 않는 미세먼지를 정화해서 깨끗하고
맛있는 공기도 베이킹 하듯 만드는 공기청정기 입니다.

(1) 제품 주요 특징

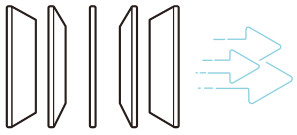
Interior

어디에서도 볼 수 없는 공기 청정기 디자인,
방 안 분위기를 화사하게 바꿔줍니다.



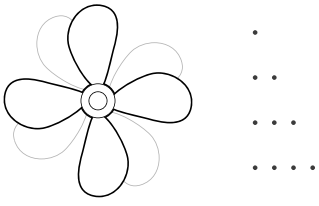
Filter

HEPPA13 필터는 지름 2.5um이하(PM 2.5) 초미세먼지와 지름10um이하(PM 10) 미세먼지를 최대 99.98%로 걸러줍니다.



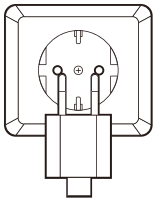
Speed

cocopro 공기청정기는 현재 공기 상태에 알맞은 풍량을 4단계로 조절할 수 있습니다.

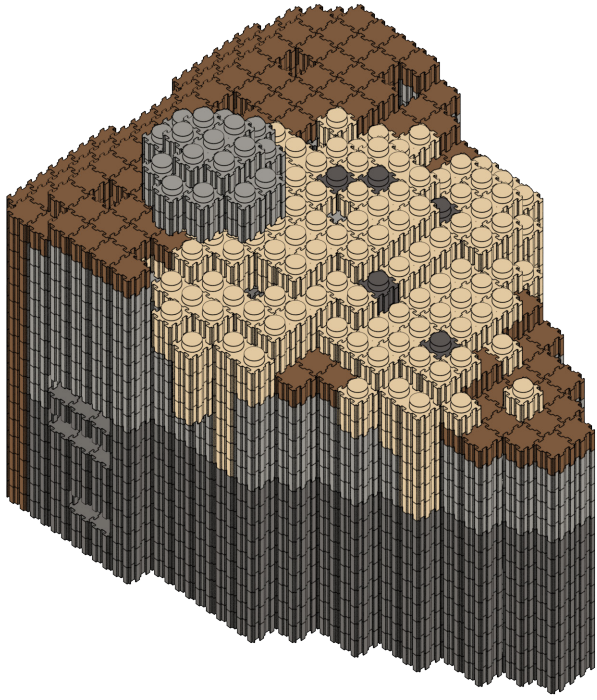


Electricity

하루 종일 사용해도 전기료 걱정이 없습니다. 전기 사용량 최대 1,130원으로 깨끗한 공기를 만들어 냅니다.



흑임자 조각 케이크 x 공기청정기



(1) 제품 사양

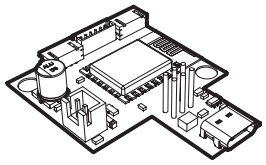
전기적 사양

정격전압 : 5V
소비전력 : 7W
최대소음 : 47 ~ 60dB
장소에 따라 측정값이 달라질 수 있음

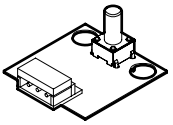
외부 사양

크기 : 170 * 148 (mm)
재질 : ABS

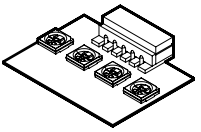
(2) 제품 구성품



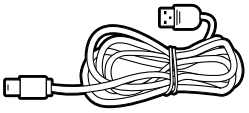
메인보드



버튼



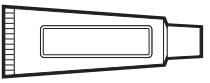
LED



USB 케이블

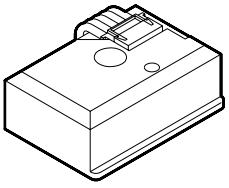


커넥터 케이블 X2
PRO의 경우 3개 제공

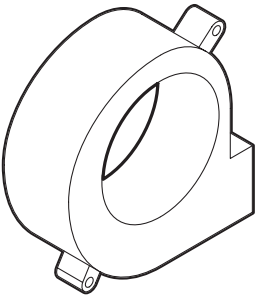


본드

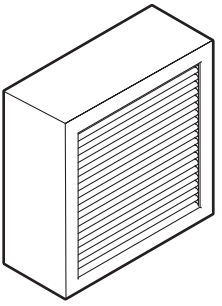
PRO



미세먼지센서



팬



필터



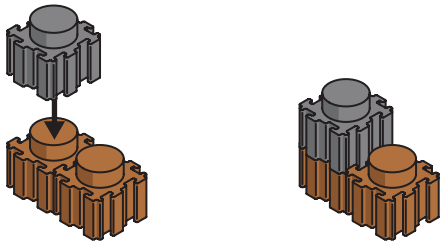
(3) 디폼 블록 기본 조립 방법

air x cake 에는 다양한 형태로 응용 가능한 디폼 블록이 사용됩니다.

좌우 조립 - 양 옆의 홈에 맞춰 끼워 넣습니다.



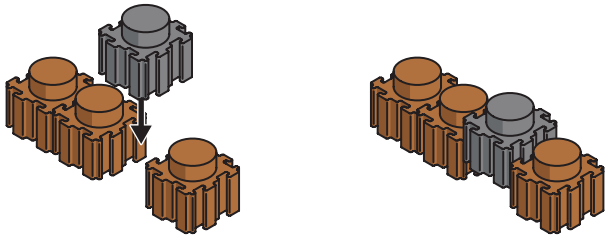
상하 조립 - 하단의 블록 위에 쌓아줍니다.



좌우 반 조립 - 두개의 블록 사이에 끼워 넣습니다.



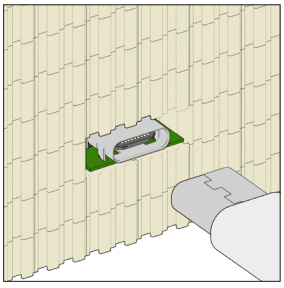
상하 반 조립 - 상하를 전부 끼우지 않고 반만 조립합니다.

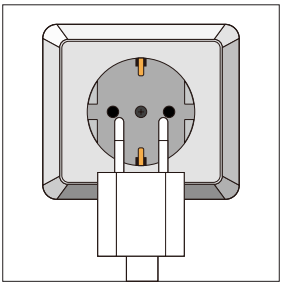


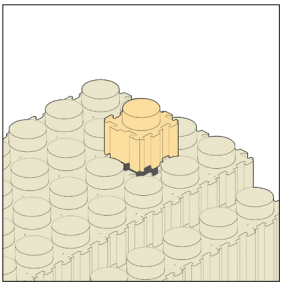
(4) 사용 방법

설명서에 따라 제품을 모두 조립한 후 다음의 사용 방법을 참고하여 사용합니다.

제품이 완성이 된 이후







버튼 3초 I ON / OFF

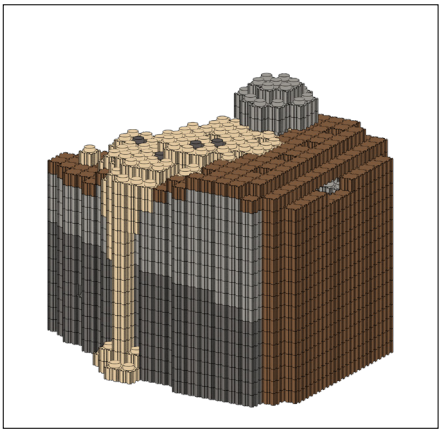
ORIGINAL	1단계	• ○ ○ ○	PRO	AUTO	• ○ ○ ○
	2단계	• • ○ ○		1단계	• • ○ ○
	3단계	• • • ○		2단계	• • • ○
	4단계	• • • •		3단계	• • • •

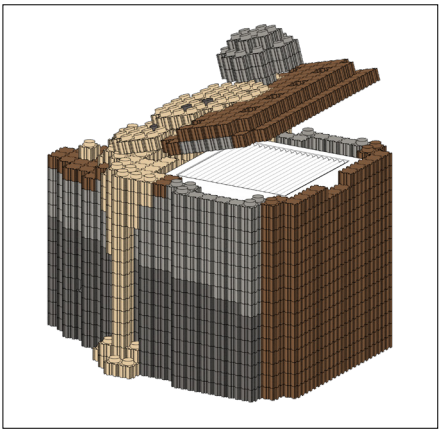
*PRO : 미세먼지 농도에 따라 첫번째 LED 컬러가 바뀝니다.

버튼 7초 I LED 밝기 조정

버튼을 7초 이상 누르면 LED의 밝기를 바꿀 수 있습니다. 빛의 세기가 너무 밝거나 어두울시 이 모드를 사용해 주세요.

필터 교체





· 필터는 세척이 불가하므로 필터의 오염도가 심한 경우 새 필터로 교체합니다.
· 교체 주기는 6개월을 권장하며 오염이 심한 곳에서는 3~4개월이 적합합니다.

(5) 안전 사항

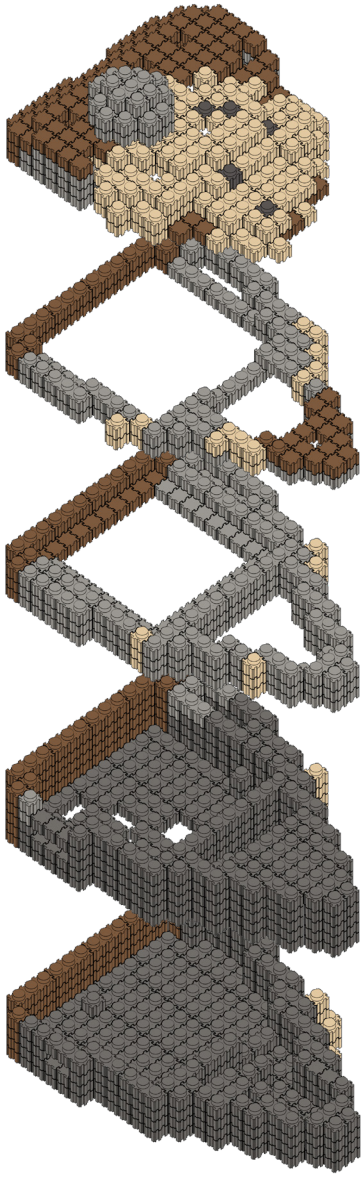
조립 시 주의 사항

1. 만 14세 이하 어린이들이 사용, 조립할 경우 보호자와 함께 사용하십시오.
2. 부품을 입안으로 넣거나 먹지 않도록 주의해 주십시오.
3. 동작 중에 분해 혹은 조립을 하지 마십시오.
4. 전자 부품을 임의로 분해하지 마십시오.
5. 팬이 돌아갈 때 손을 넣지 마십시오.

조립 후 제품 사용 시 주의사항

1. 낙하 위험들을 고려하여 낮고 평평한 곳에 설치하여 주십시오.
2. 본체를 물에 담그거나 물을 뿌려 세척하지 마십시오. (고장 및 감전의 원인이 됩니다.)
3. 공기 배출구나 흡입구를 천이나 종이 등으로 막지 마십시오.
4. 제품 위에 물건을 올리거나 힘을 주어 누르지 마십시오.
5. 제품 주변에 인화 물질을 두지 마십시오.
6. 필터 없이 제품을 작동하지 마십시오.
7. 제품에 가연성 스프레이나 스프레이형 살충제를 뿌리지 마십시오.
8. 물기가 많은 곳에서 제품을 사용하지 마십시오.
9. 제품을 사용하지 않을 때는 전원 코드를 분리하여 주십시오.
10. 필터를 끼우거나 청소하는 동안에는 제품의 전원 코드를 분리하여 주십시오.
11. 제품에서 필요 이상의 소리가 들릴 시 전원 코드를 분리해 주십시오.

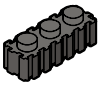
외관 조립 설명



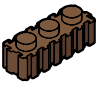
모든 Part 들은 마지막 내부 부품을 넣기 전까지 조립을 하지 않도록 합니다.
부품을 모두 조립한 후 Part 들을 연결해야 조립이 간편합니다.

Part 1.

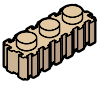
1층 - top view

회색  x 66

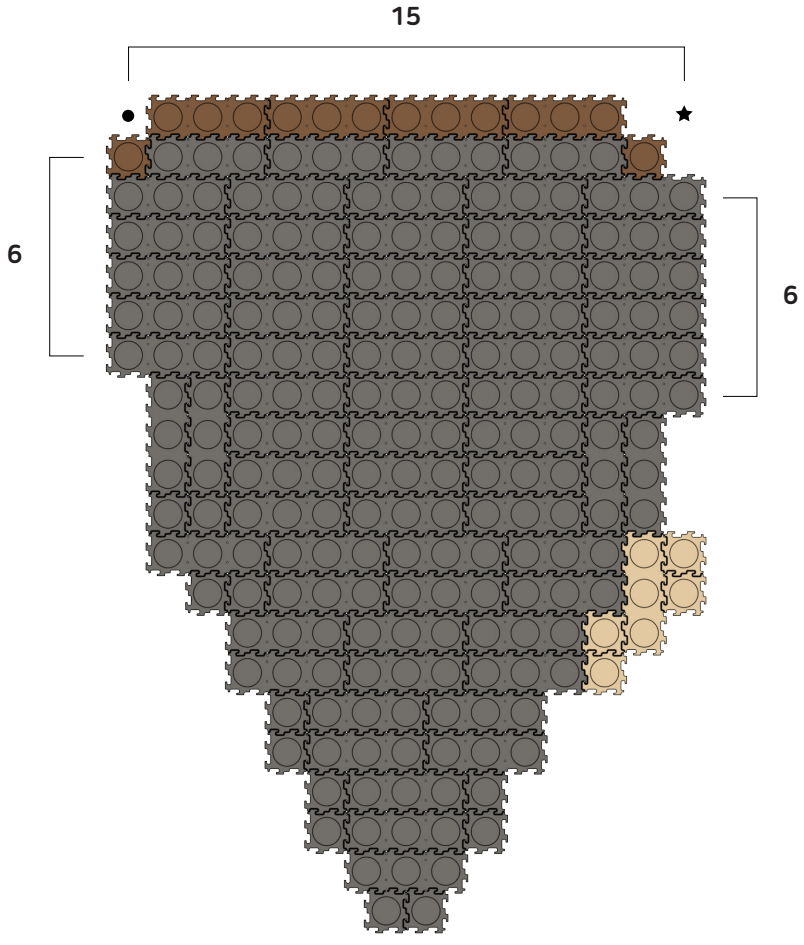
 x 12

갈색  x 4

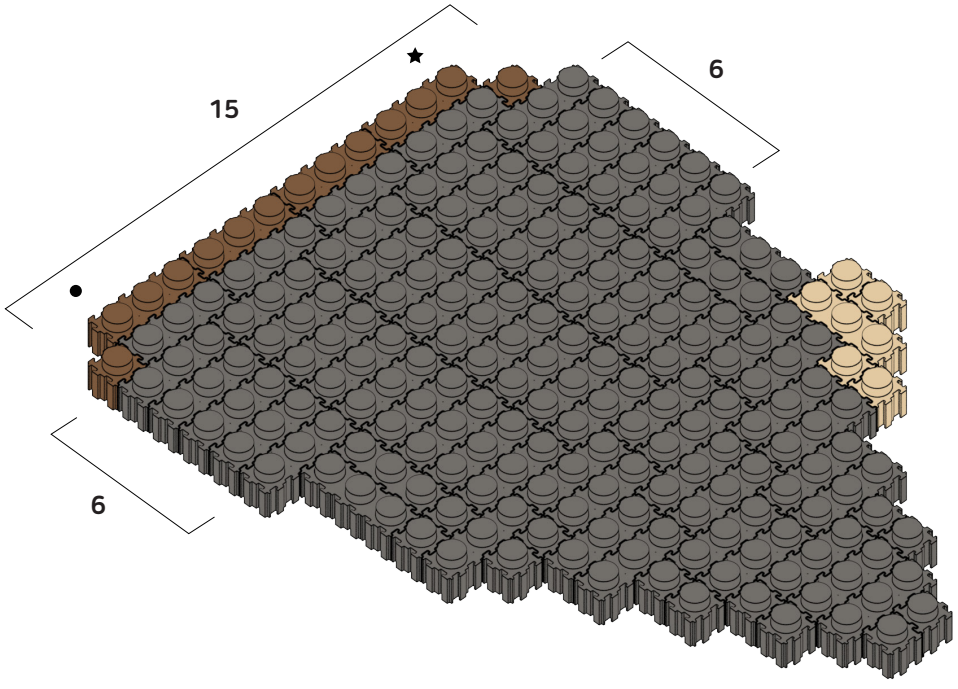
 x 2

베이지색  x 1

 x 4



1층 - pers view



2층 - top view

회색 x 16

x 15

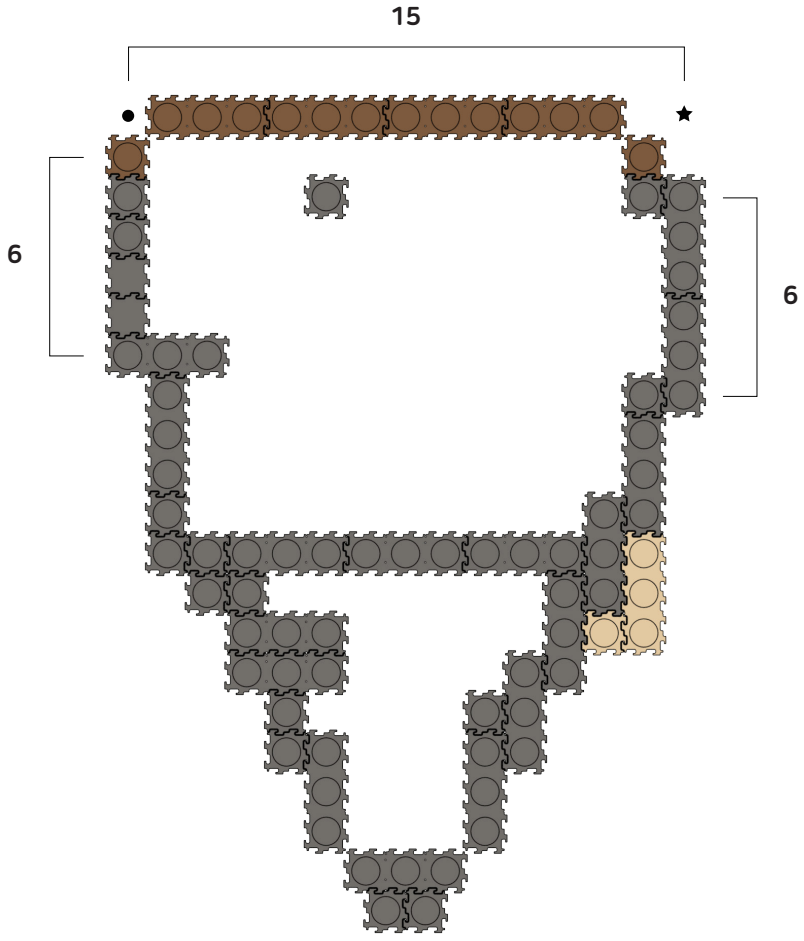
x 2

갈색 x 4

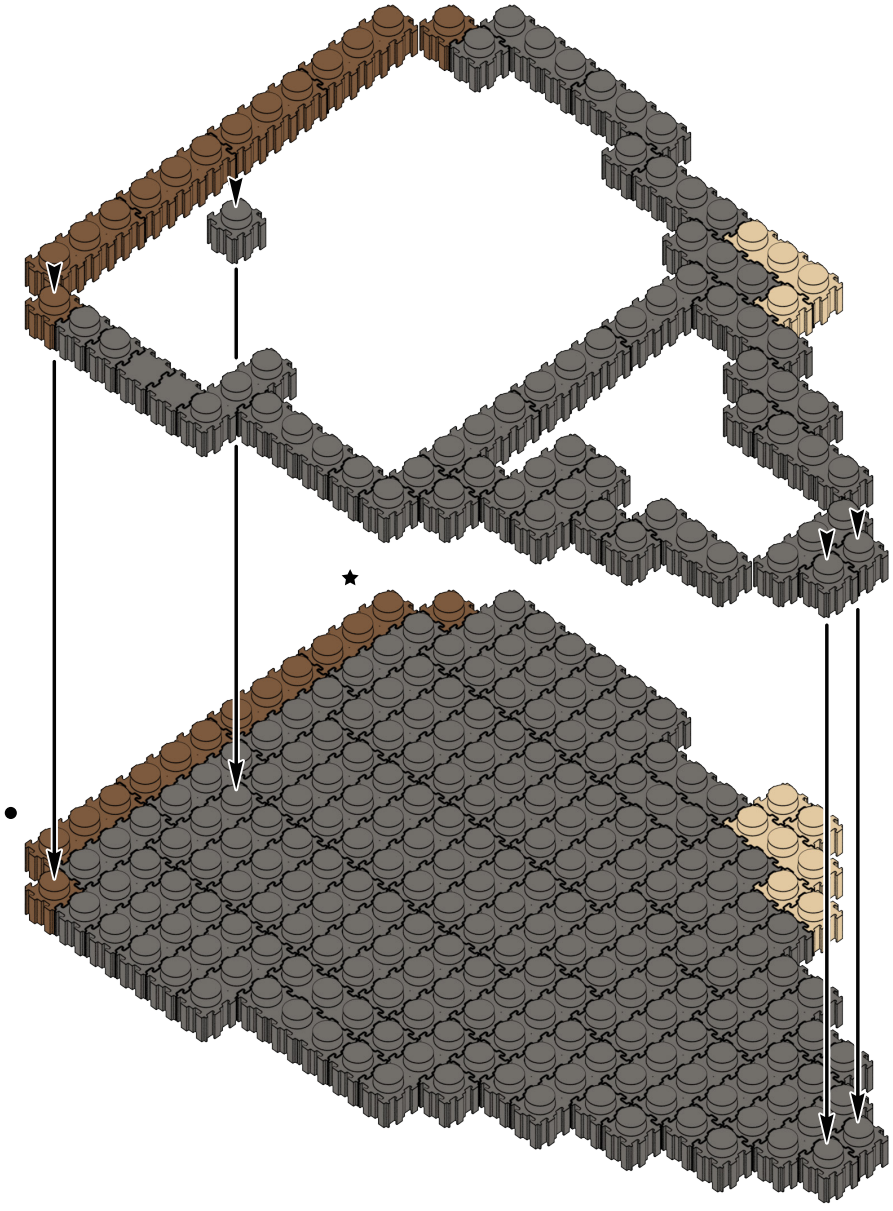
x 2

베이지색 x 1

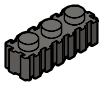
x 1



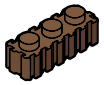
2층 - pers view



3층 - top view

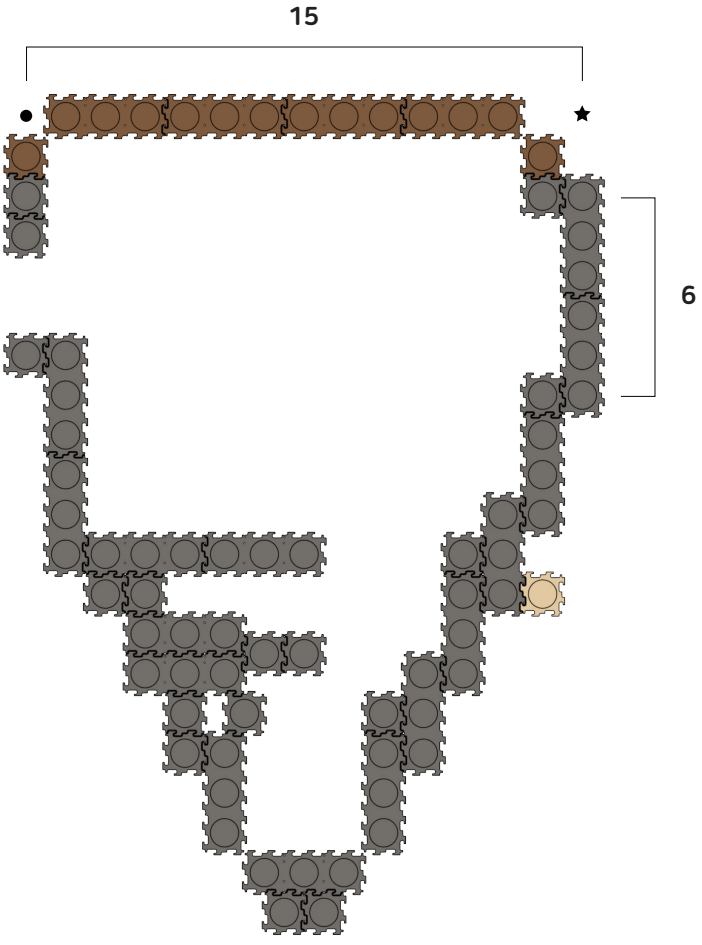
회색  x 15

 x 16

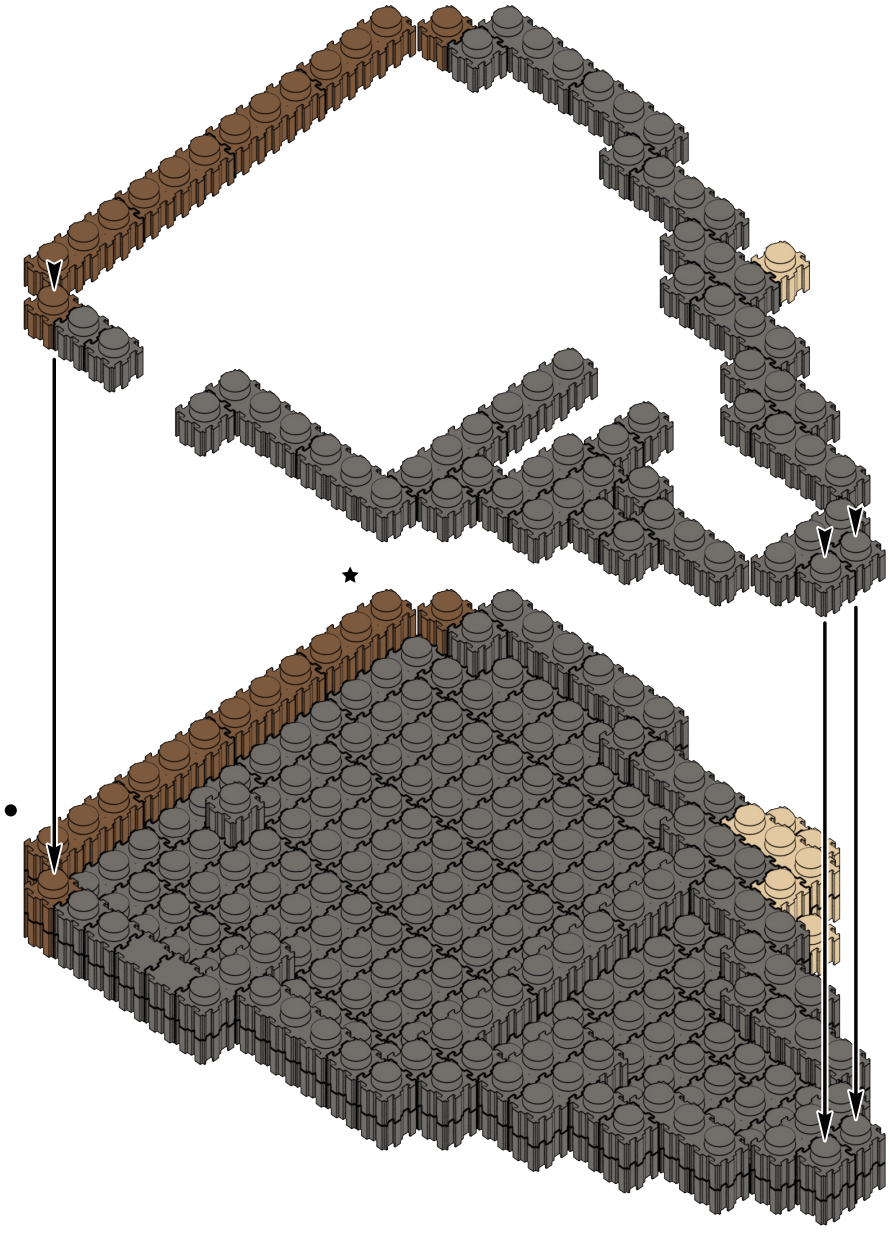
갈색  x 4

 x 2

베이지색  x 1



3층 - pers view



4층 - top view

회색 x 15

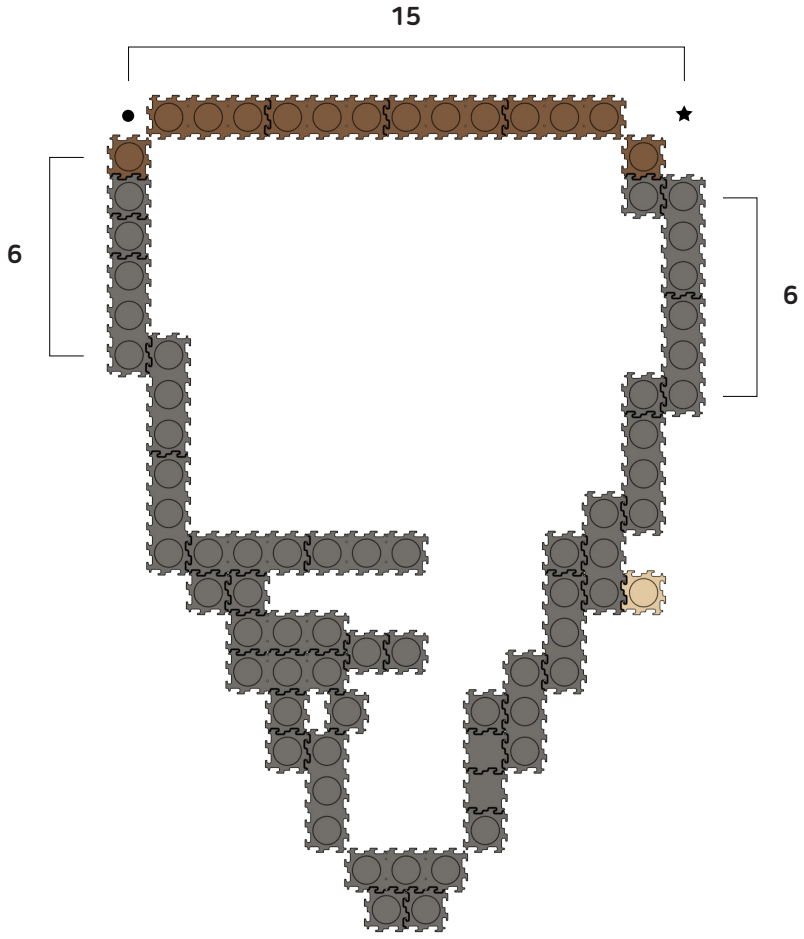
x 16

x 2

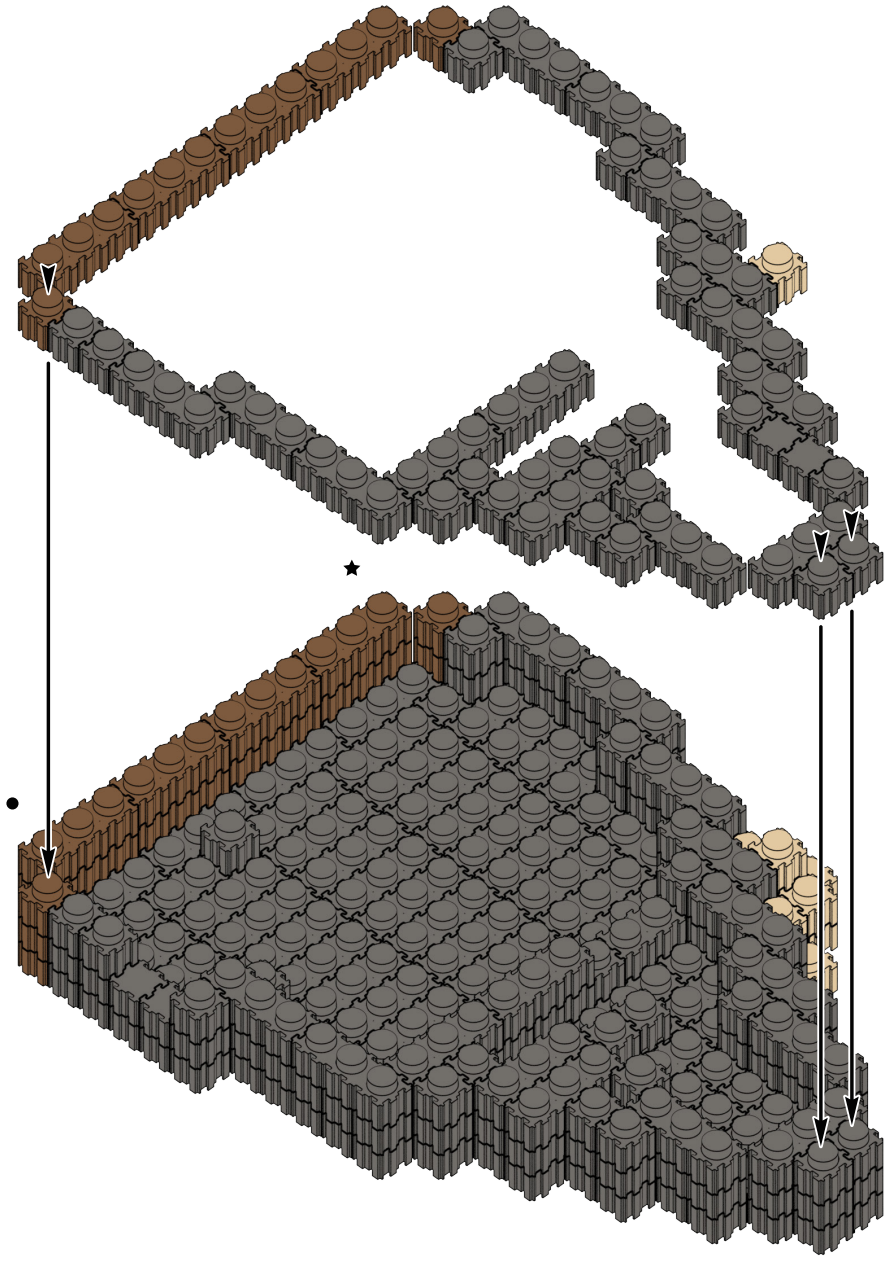
갈색 x 4

x 2

베이지색 x 1

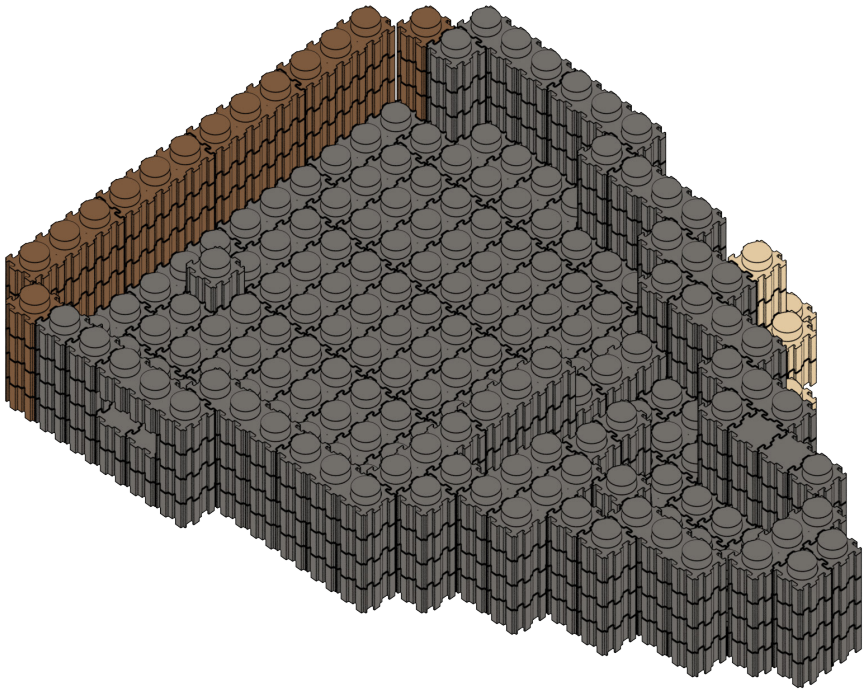


4층 - pers view



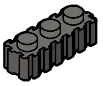
Part 1 완성!

Part 1을 완성했습니다. 다음단계의 Part와 결합하지 않습니다.

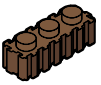


Part 2.

1층 - top view

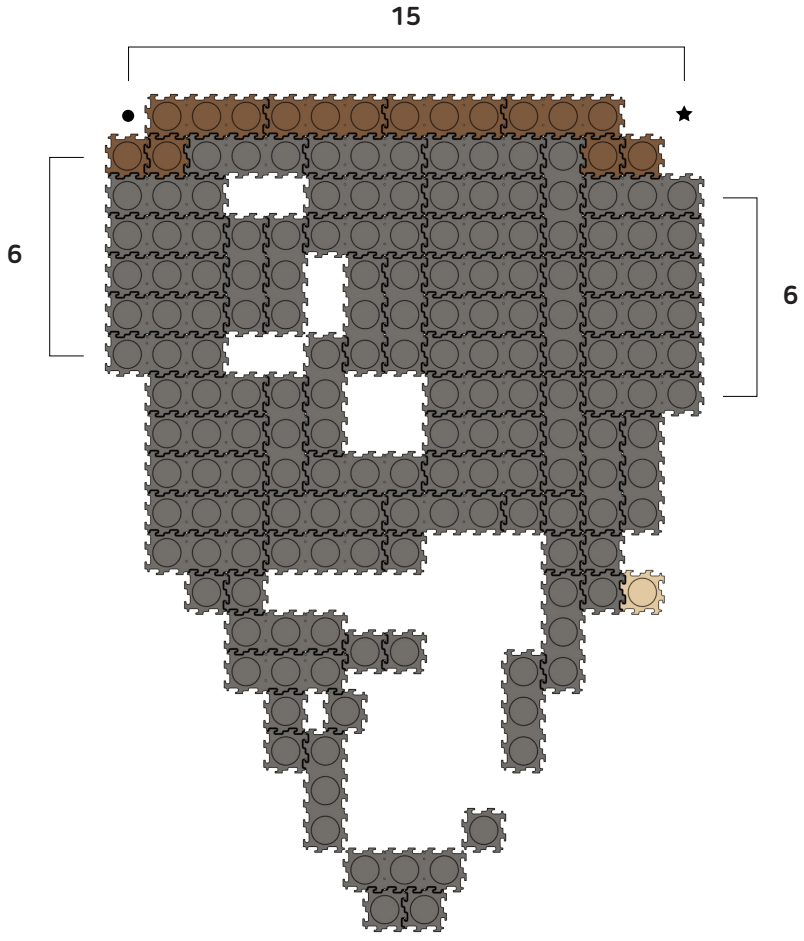
회색  x 50

 x 16

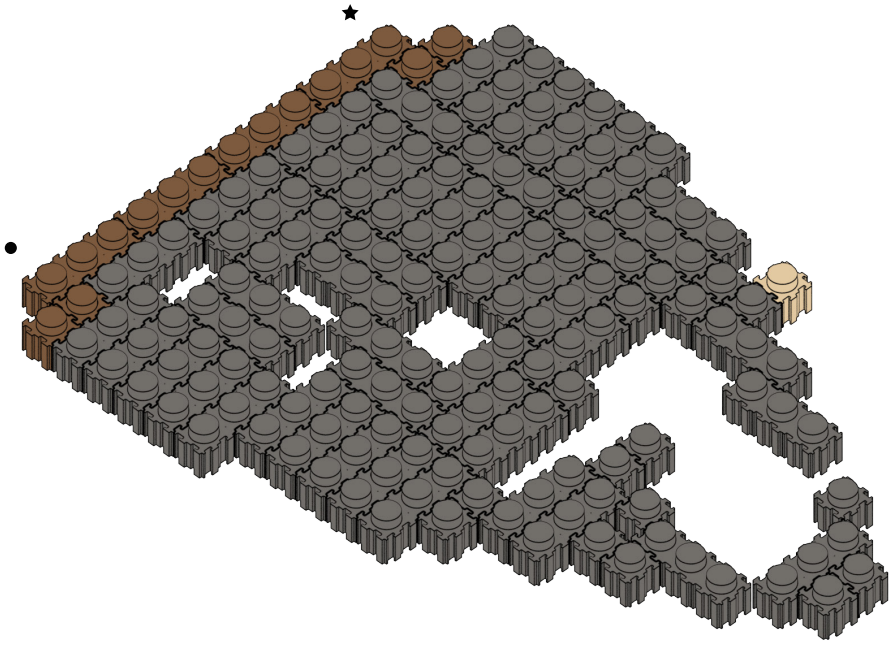
갈색  x 4

 x 4

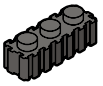
베이지색  x 1



1층 - pers view

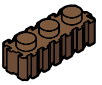


2층 - top view

회색  x 18

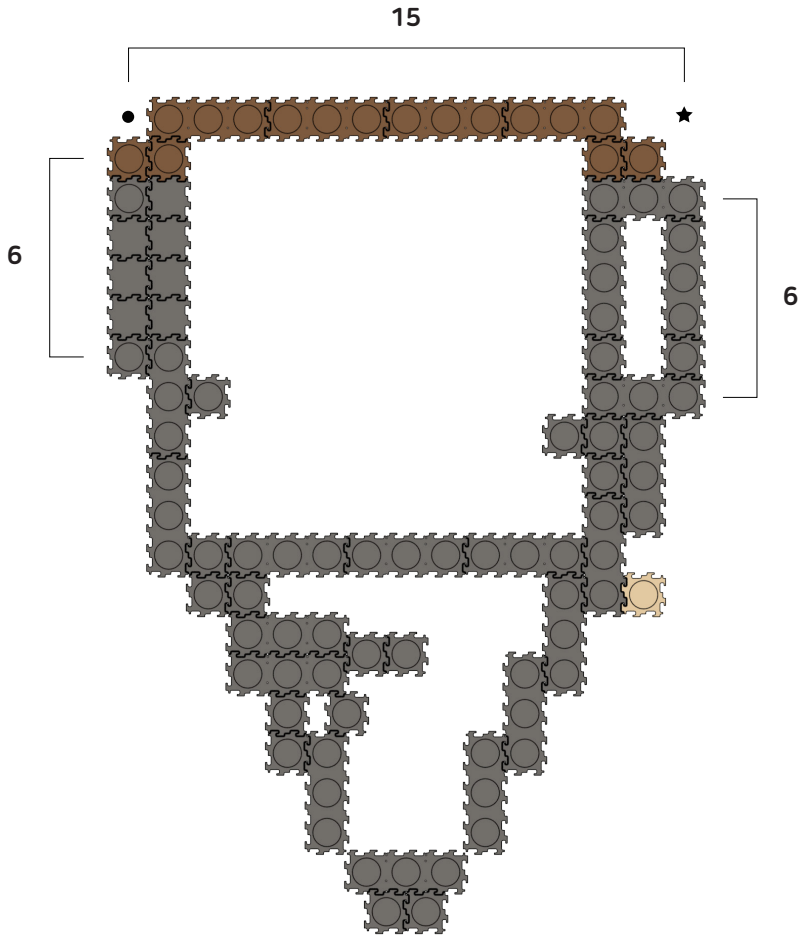
 x 18

 x 7

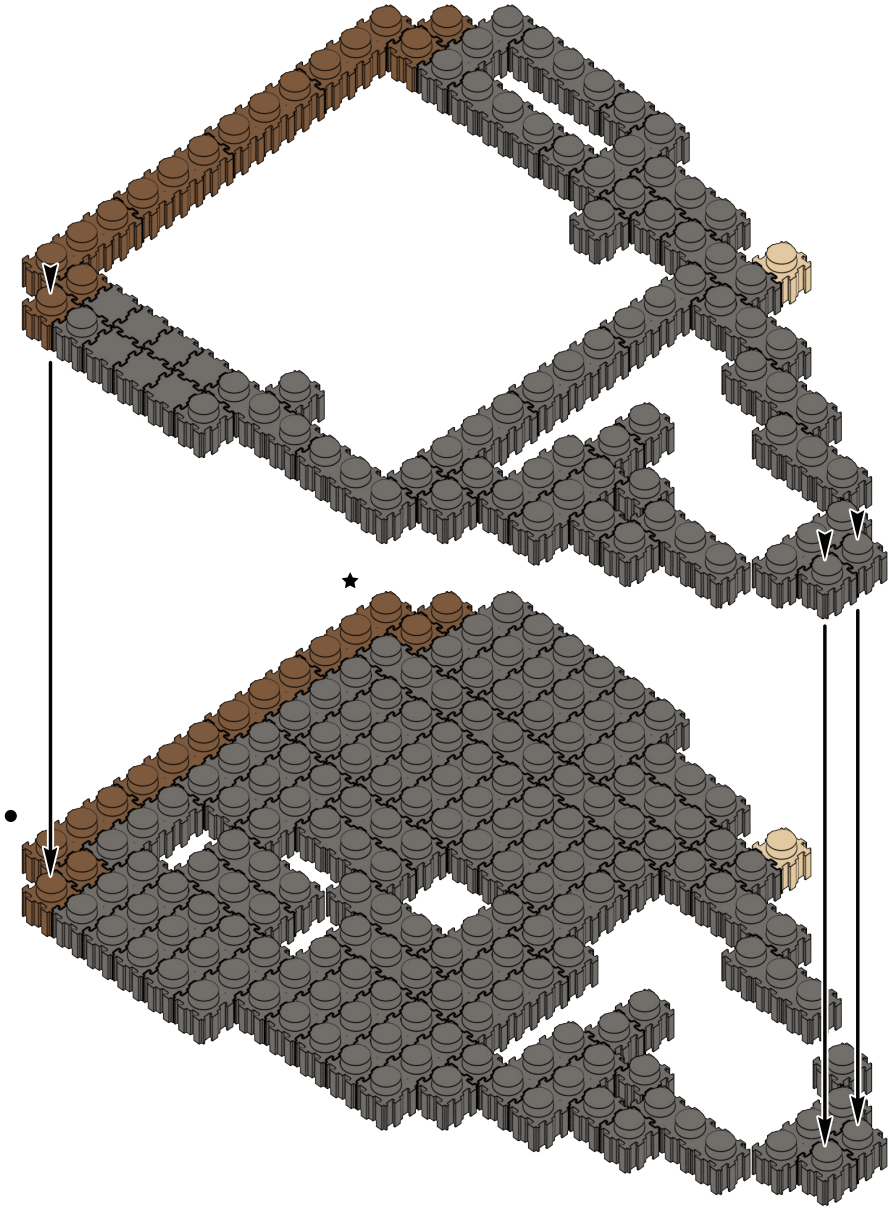
갈색  x 4

 x 4

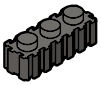
베이지색  x 1



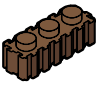
2층 - pers view



3층 - top view

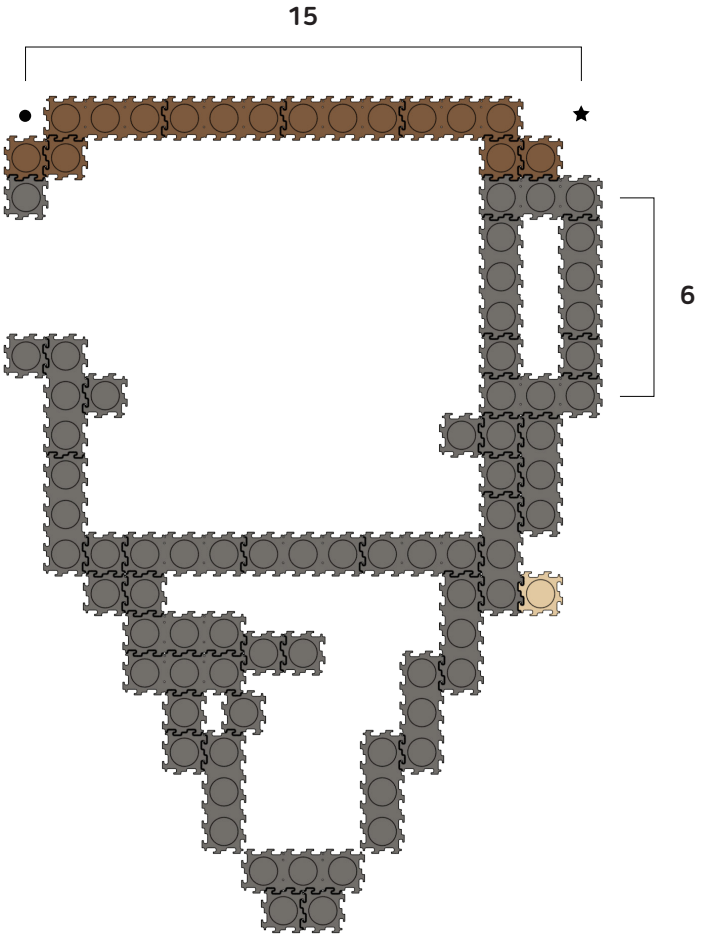
회색  x 18

 x 18

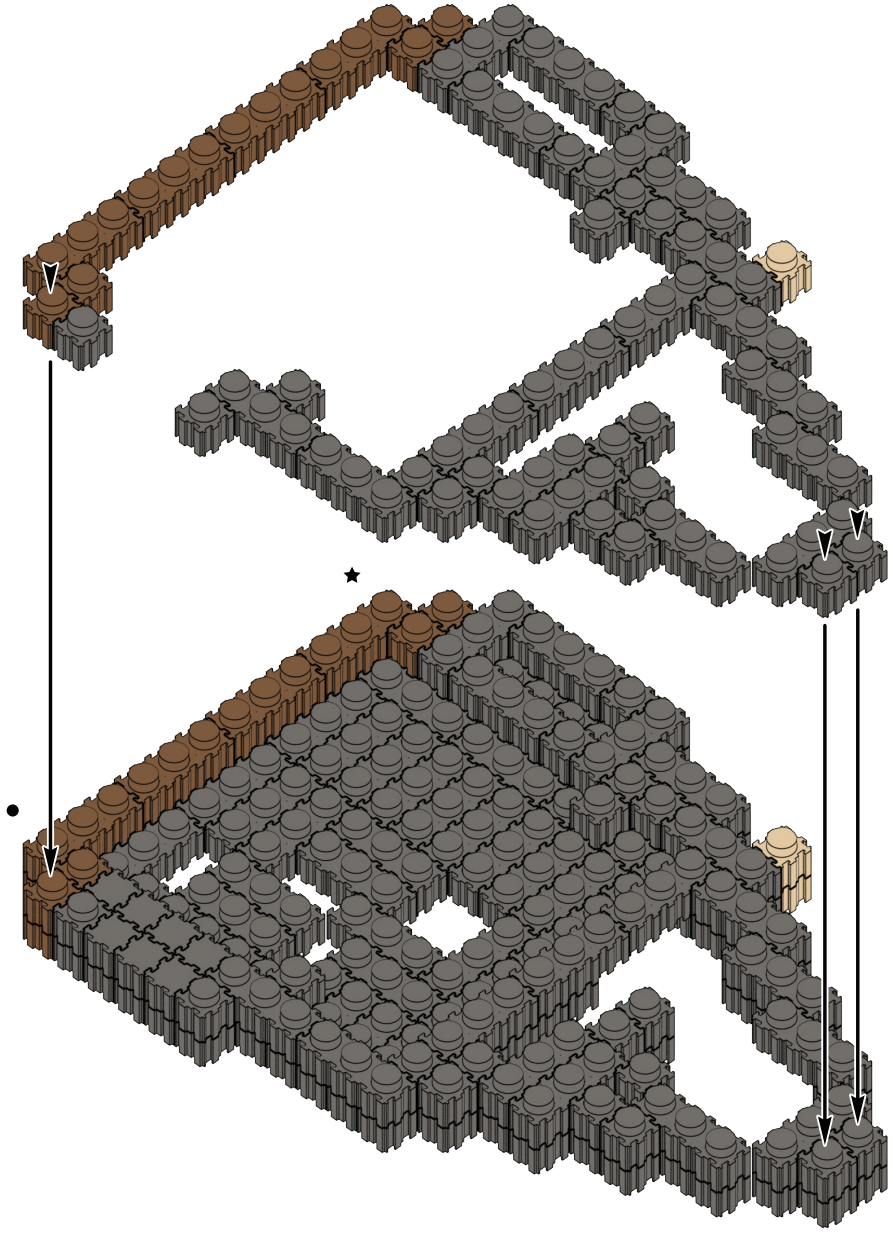
갈색  x 4

 x 4

베이지색  x 1



3층 - pers view



4층 - top view

회색 x 17

x 12

x 3

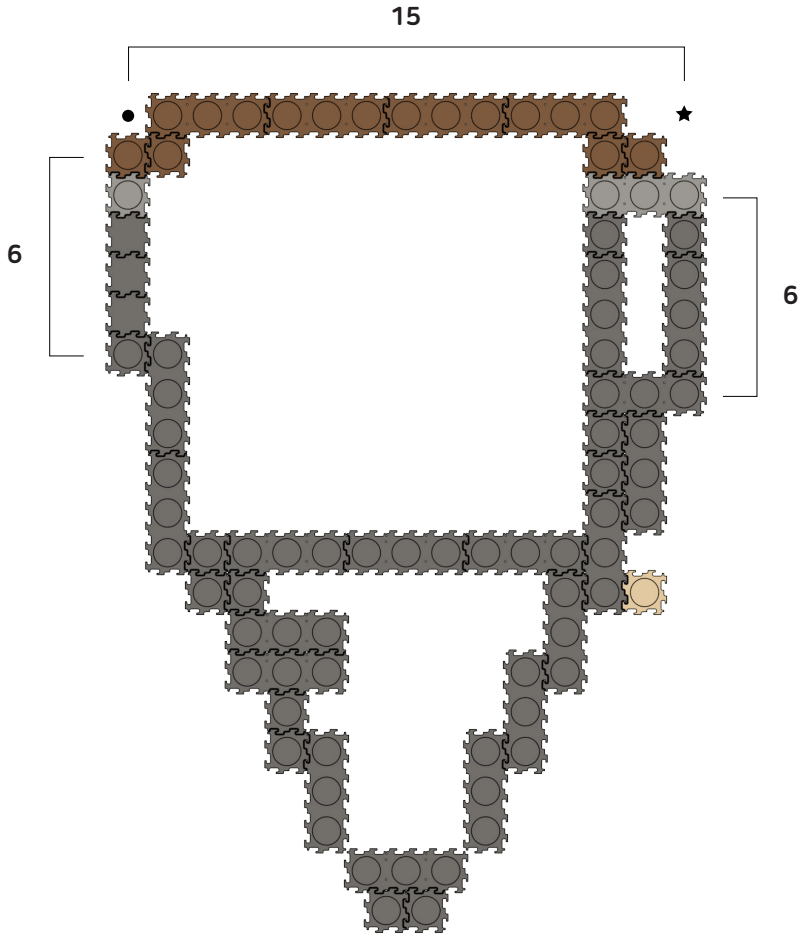
갈색 x 4

x 4

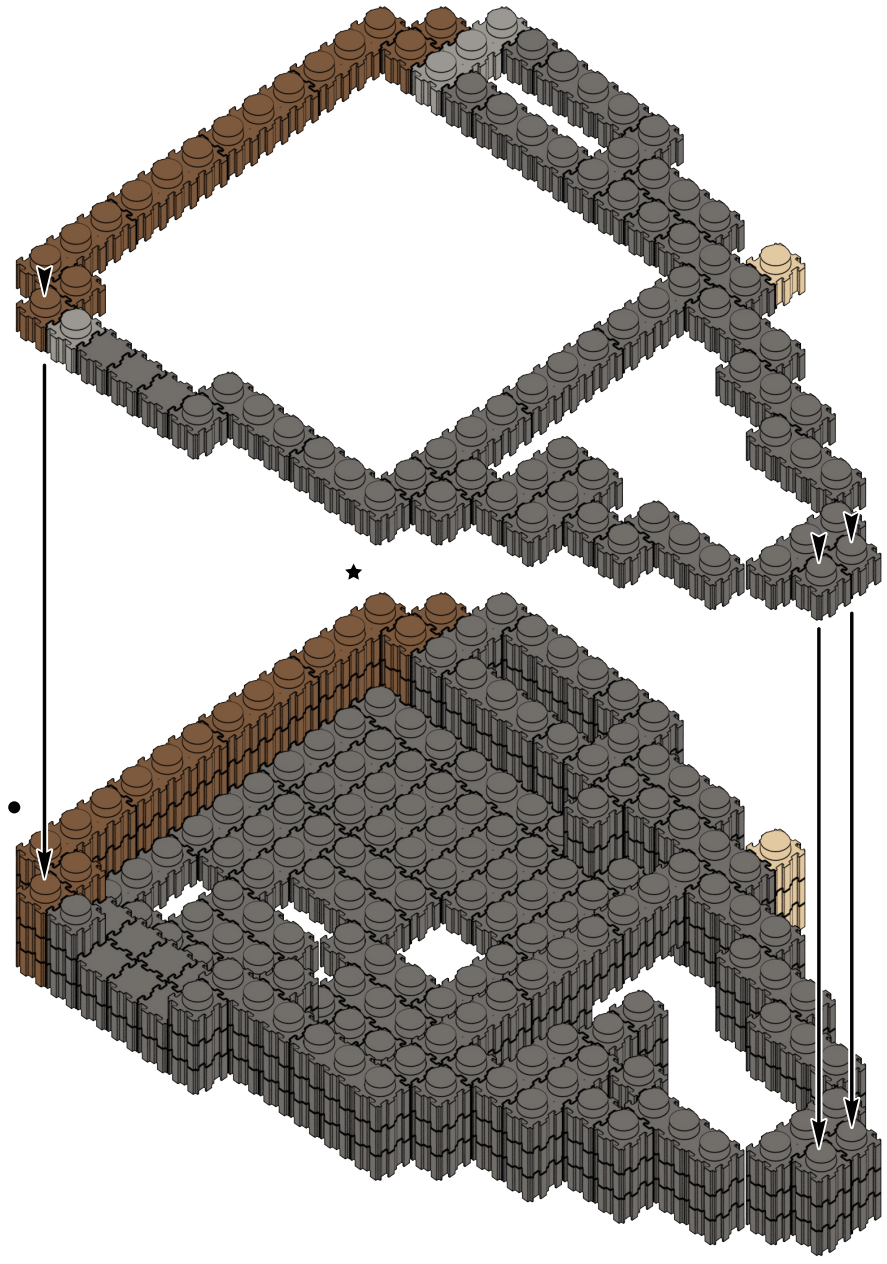
연회색 x 1

x 1

베이지색 x 1



4층 - pers view



5층 - top view

회색 x 21

x 12

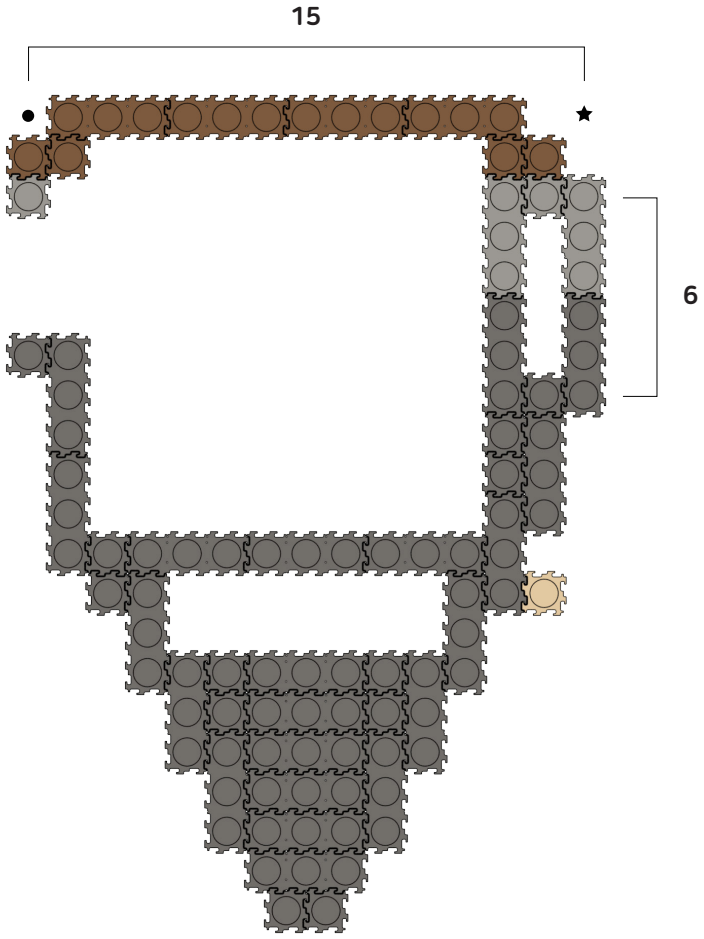
갈색 x 4

x 4

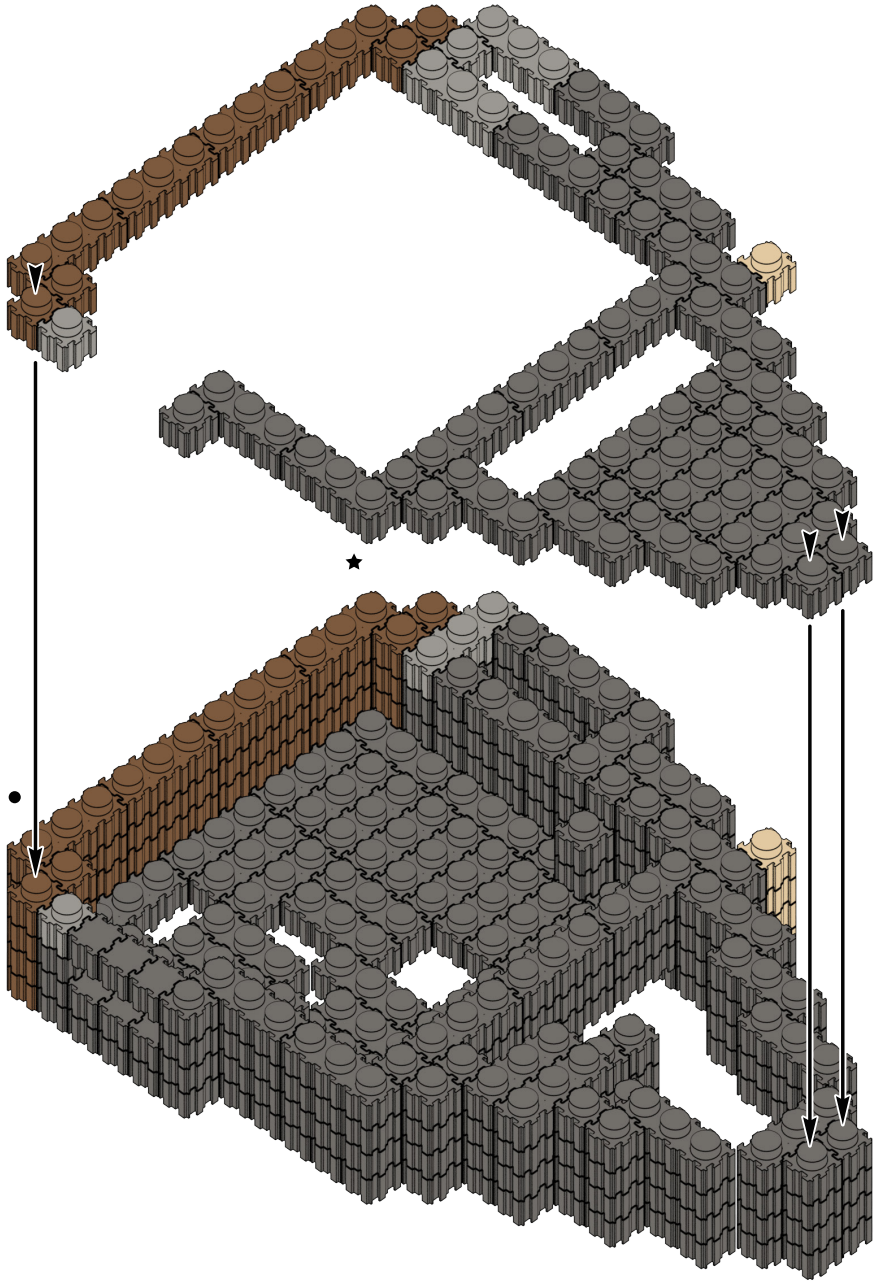
연회색 x 2

x 2

베이지색 x 1

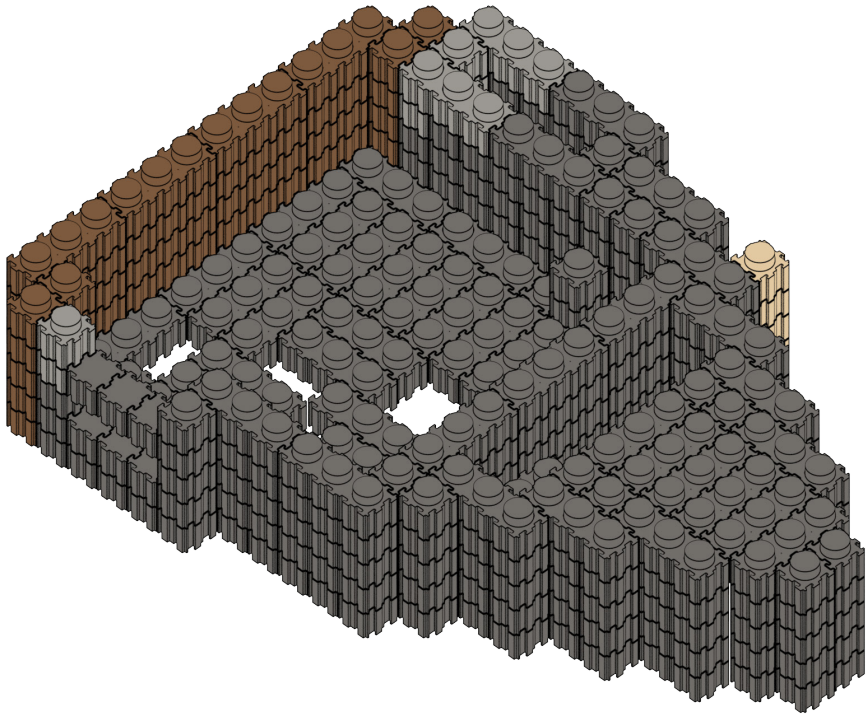


5층 - pers view



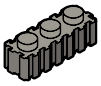
Part 2 완성!

Part 2를 완성했습니다. 다음단계의 Part와 결합하지 않습니다.

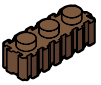


Part 3.

1층 - top view

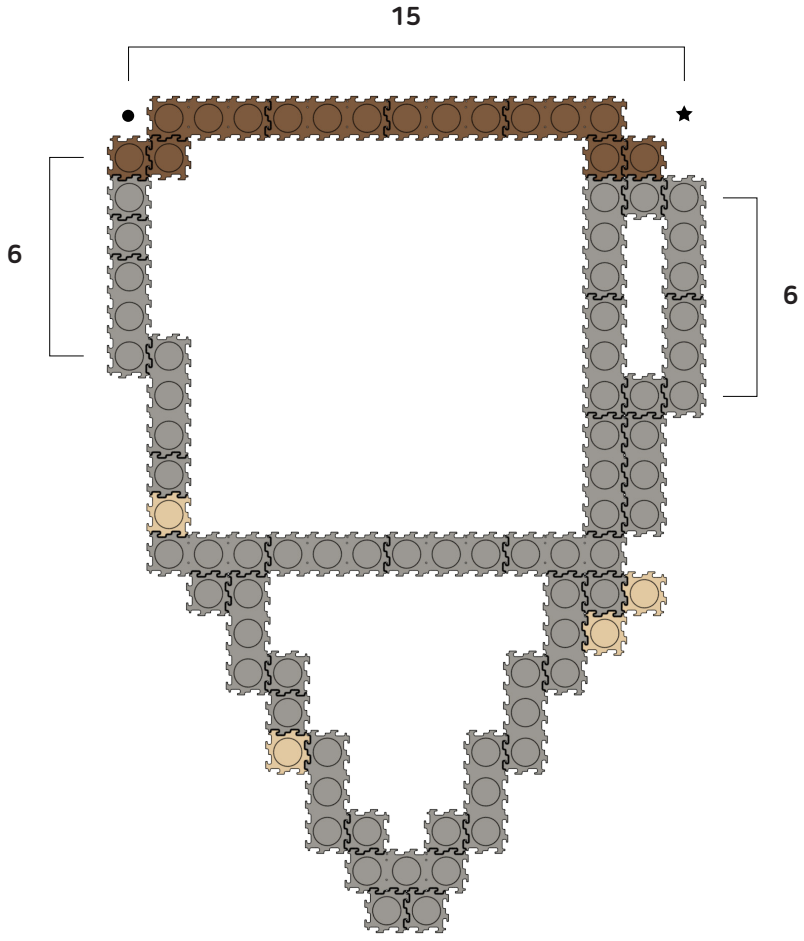
연회색  x 18

 x 13

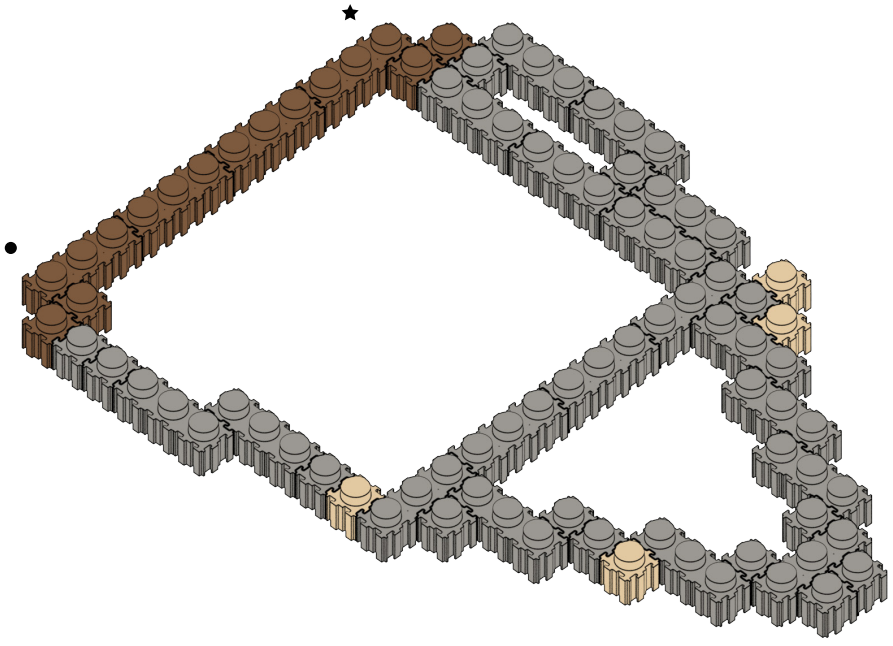
갈색  x 4

 x 4

베이지색  x 4



1층 - pers view

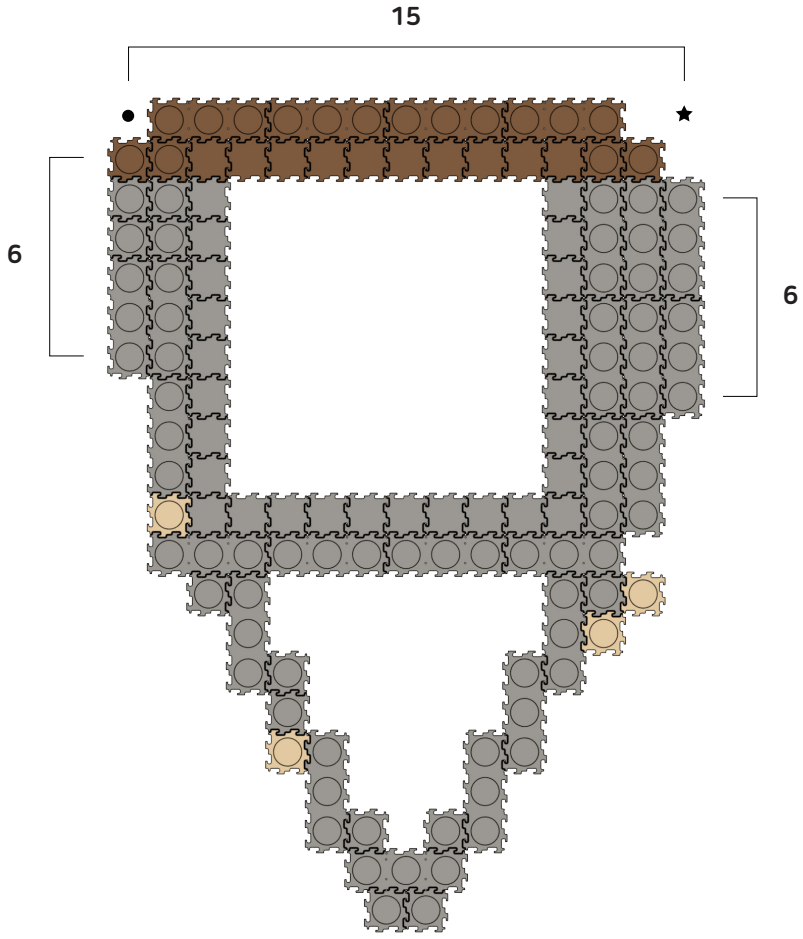


2층 - top view

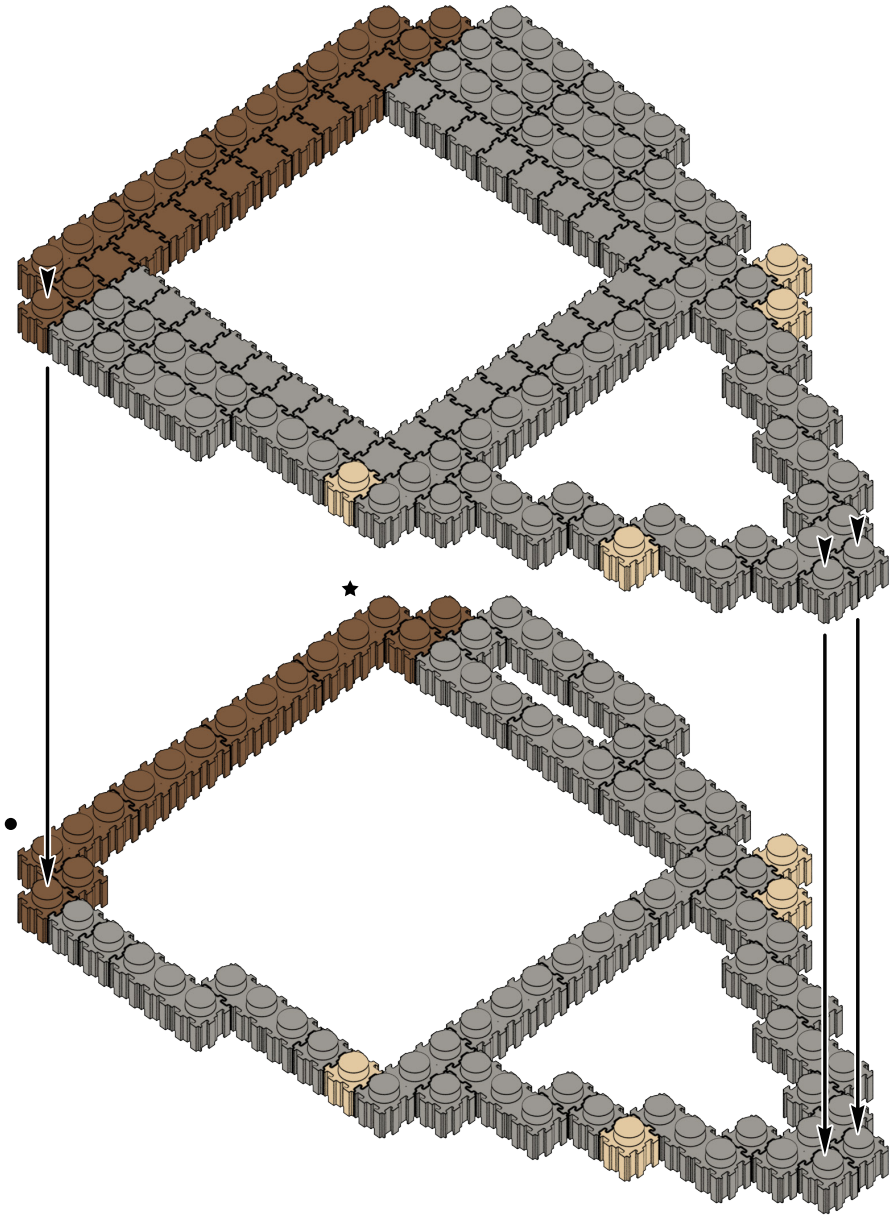
연회색 x 21 x 12 x 26

갈색 x 4 x 4 x 10

베이지색 x 4



2층 - pers view



3층 - top view

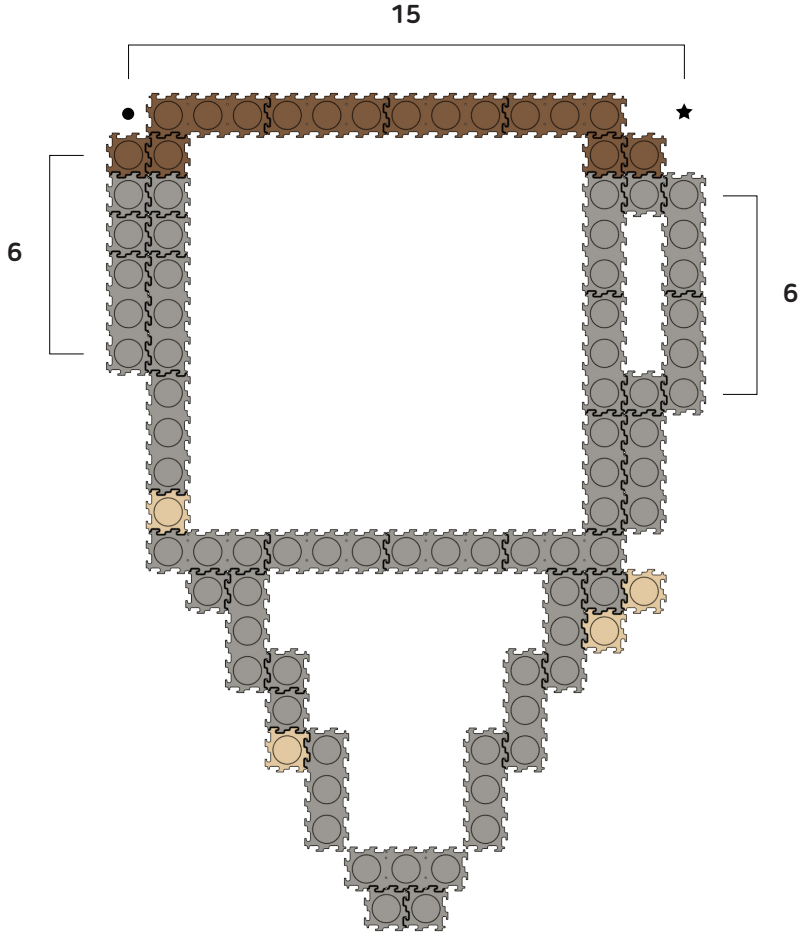
연회색 x 19

x 12

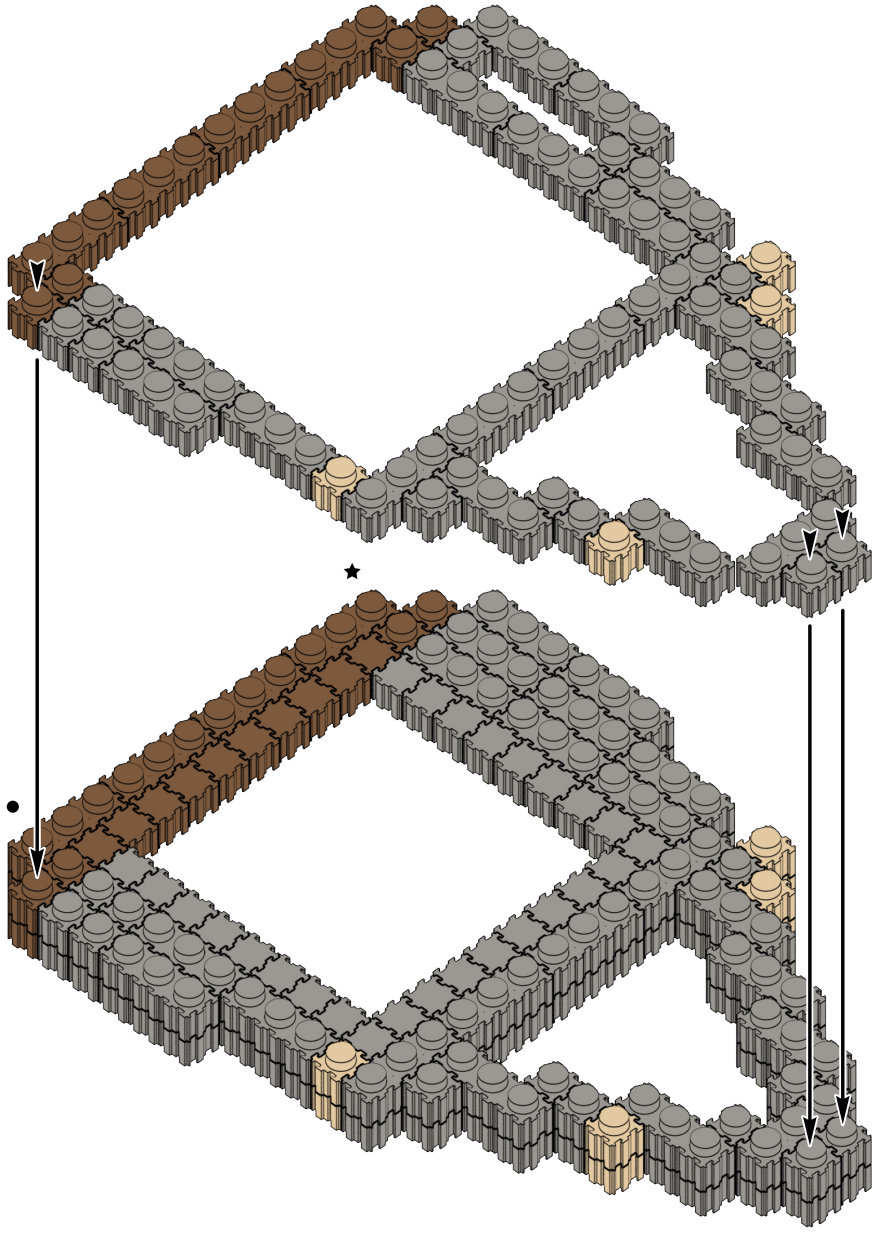
갈색 x 4

x 4

베이지색 x 4

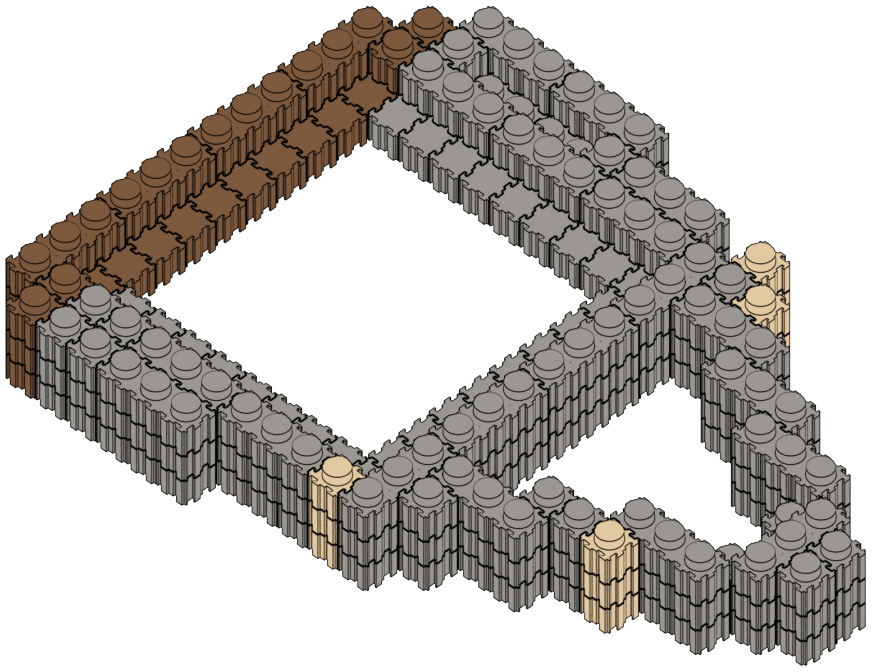


3층 - pers view



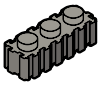
Part 3 완성!

Part 3을 완성했습니다. 다음단계의 Part와 결합하지 않습니다.

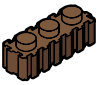


Part 4.

1층 - top view

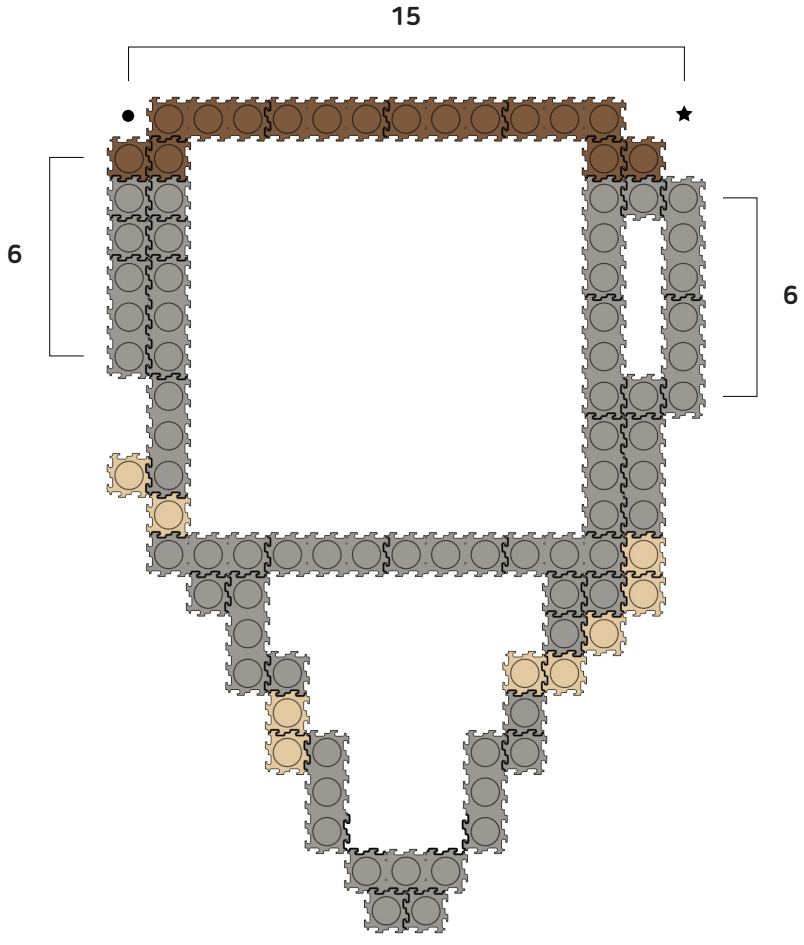
연회색  x 17

 x 15

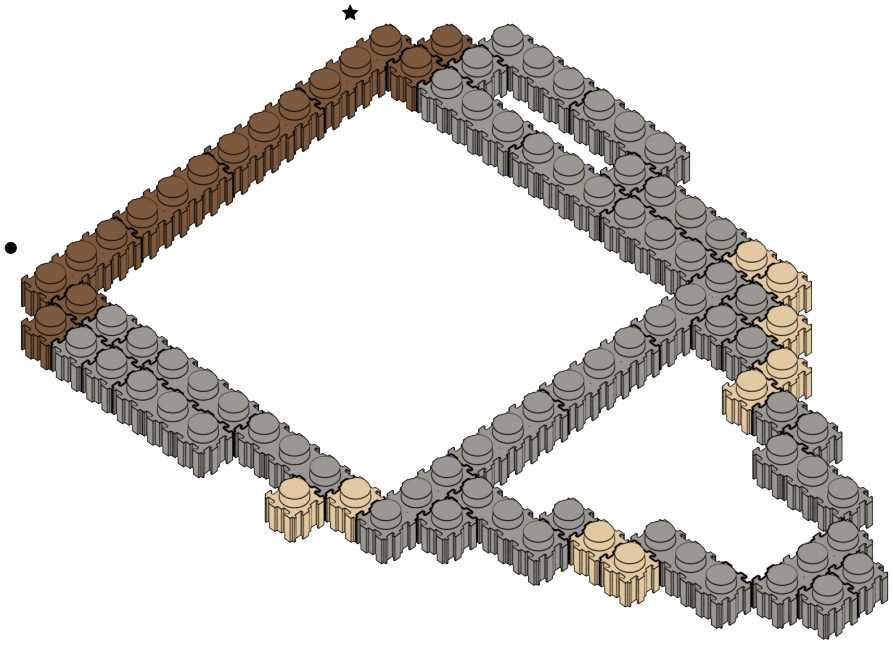
갈색  x 4

 x 4

베이지색  x 9



1층 - pers view



2층 - top view

연회색 x 10

x 11

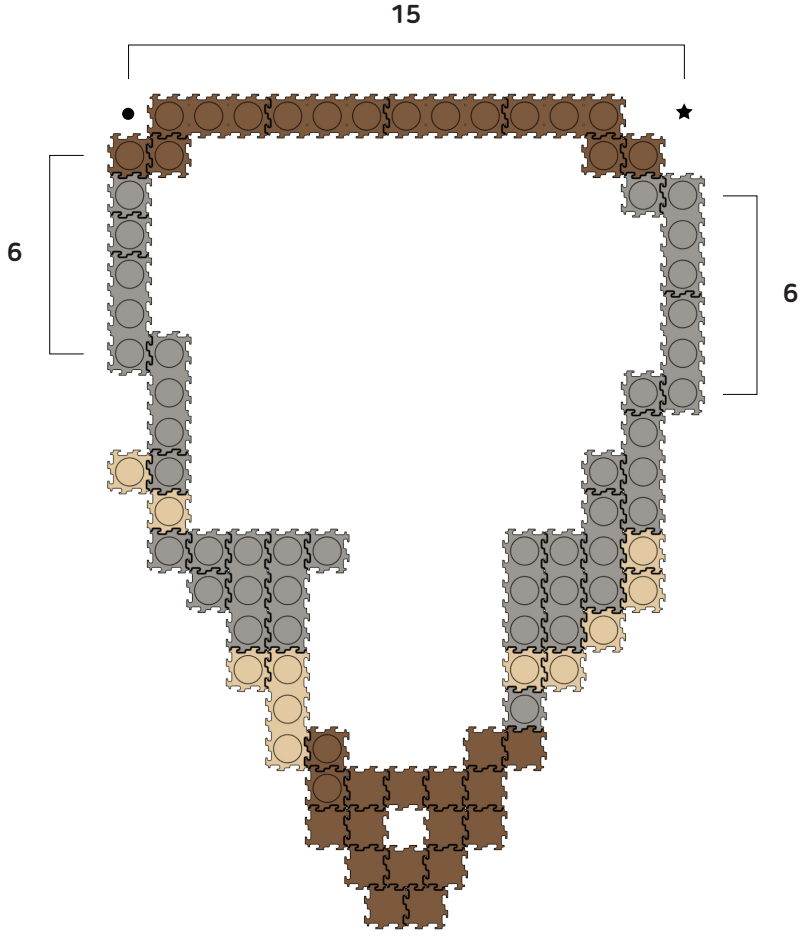
갈색 x 4

x 6

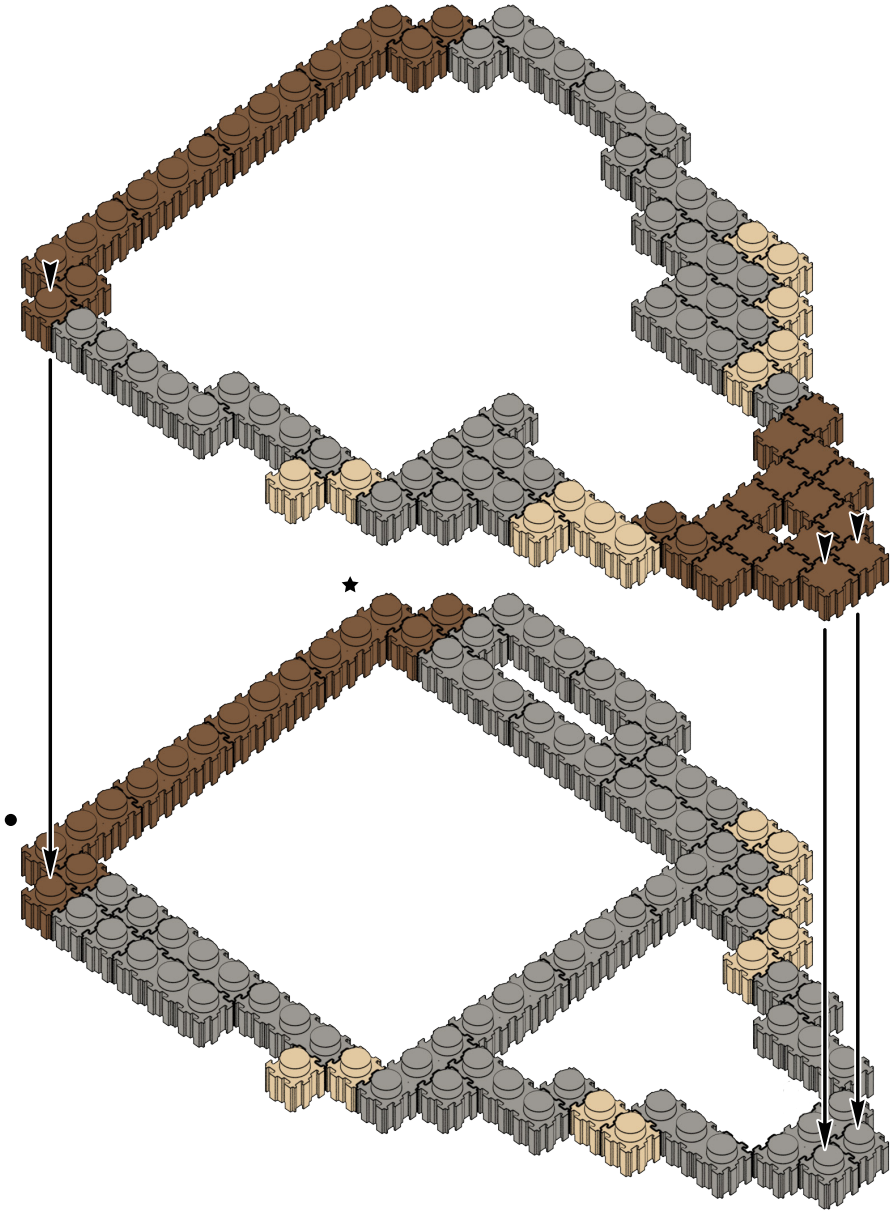
x 15

베이지색 x 1

x 8

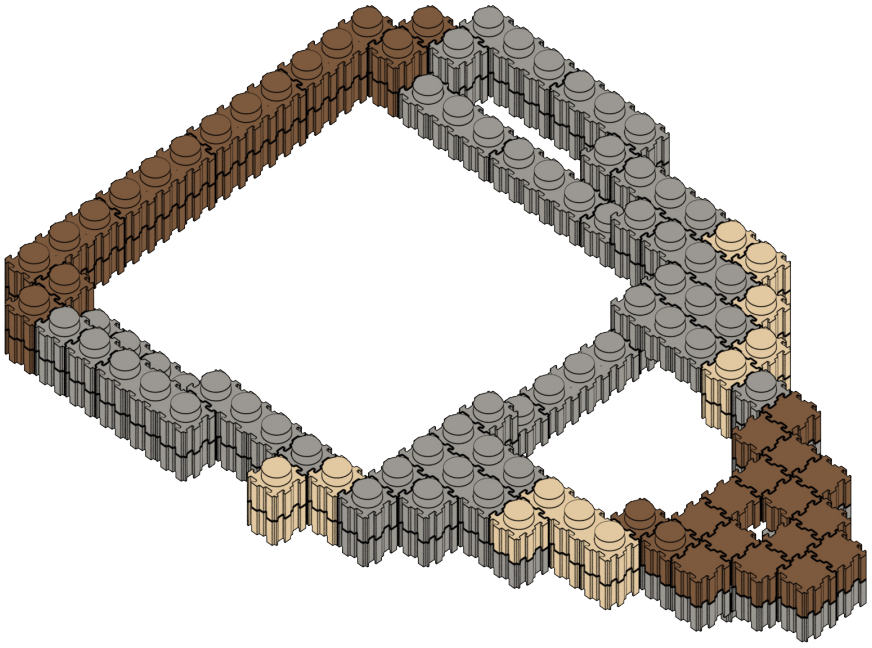


2층 - pers view



Part 4 완성!

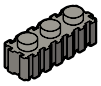
Part 4를 완성했습니다. 다음단계의 Part와 결합하지 않습니다.



Part 5.

1층 - top view

연회색

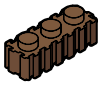


x 5



x 4

갈색



x 3

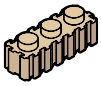


x 10



x 8

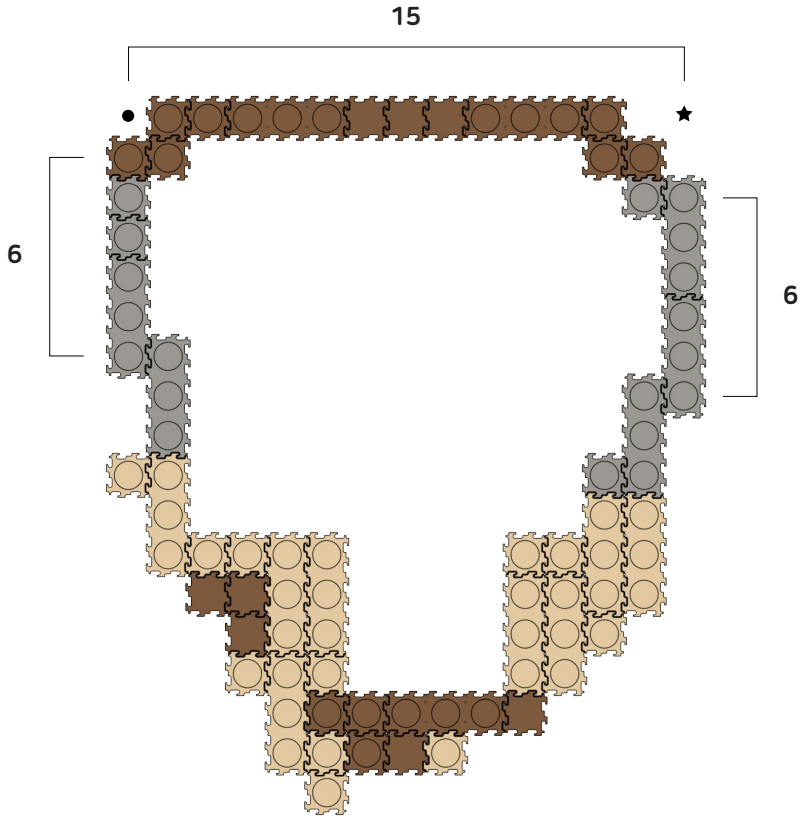
베이지색



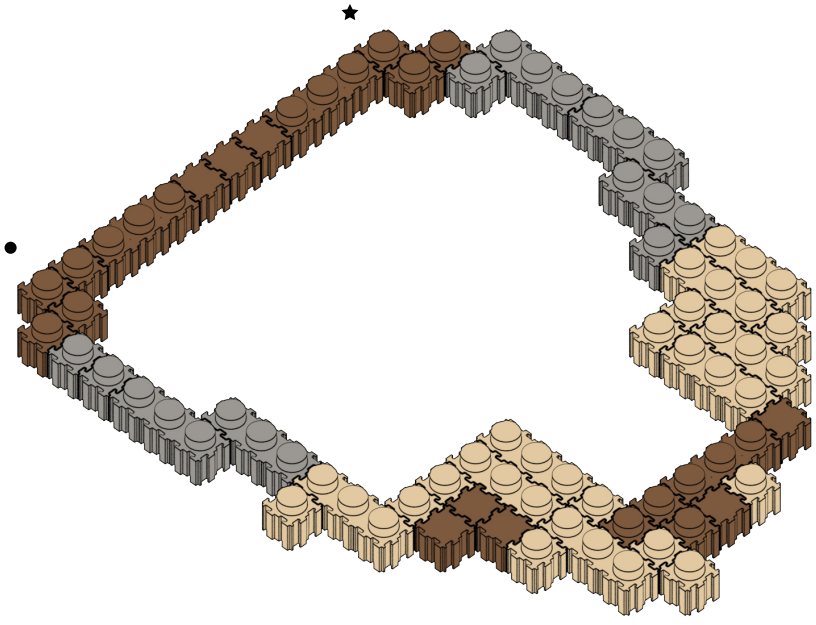
x 8



x 11



1층 - pers view



2층 - top view

연회색 x 7

x 9

갈색 x 3

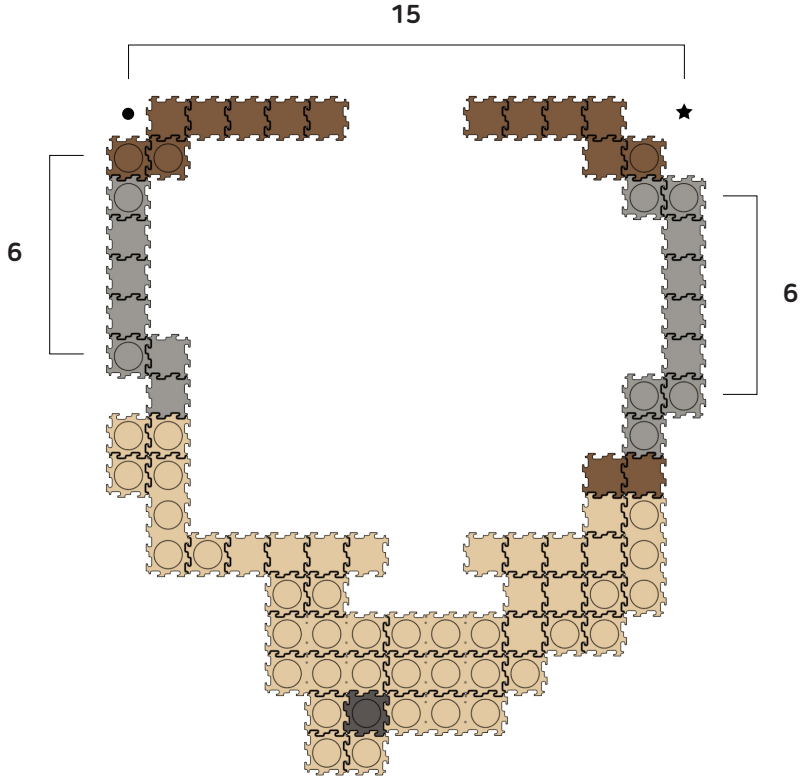
x 12

검정색 x 1

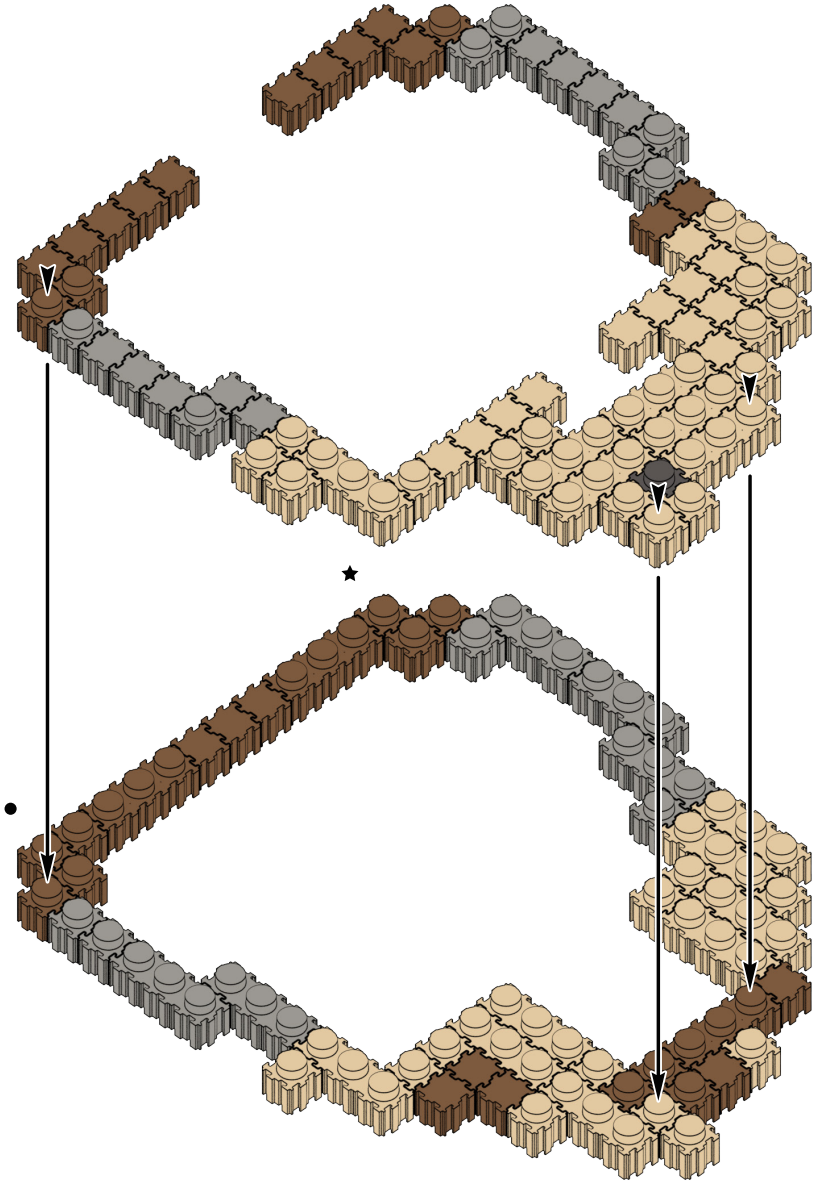
베이지색 x 7

x 13

x 12



2층 - pers view



3층 - top view

연회색 x 2

x 2

검정색 x 2

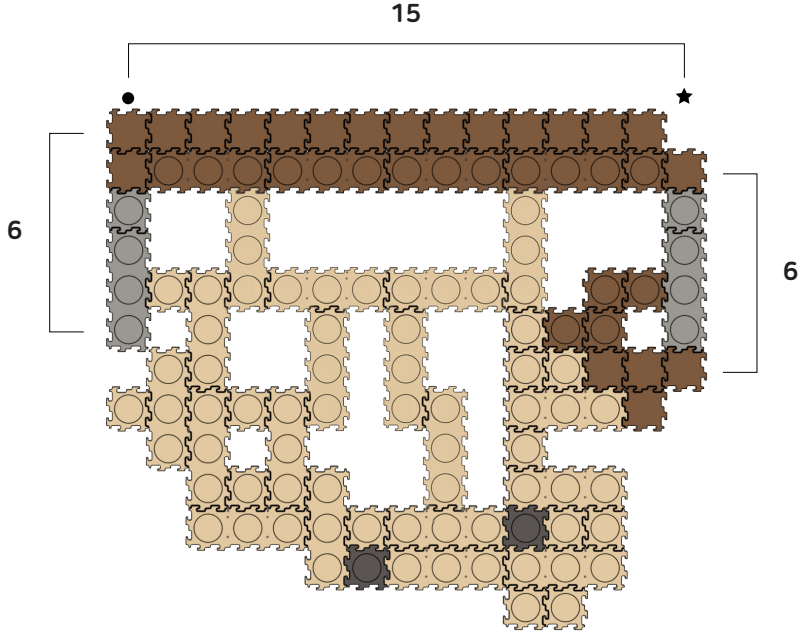
갈색 x 4

x 5

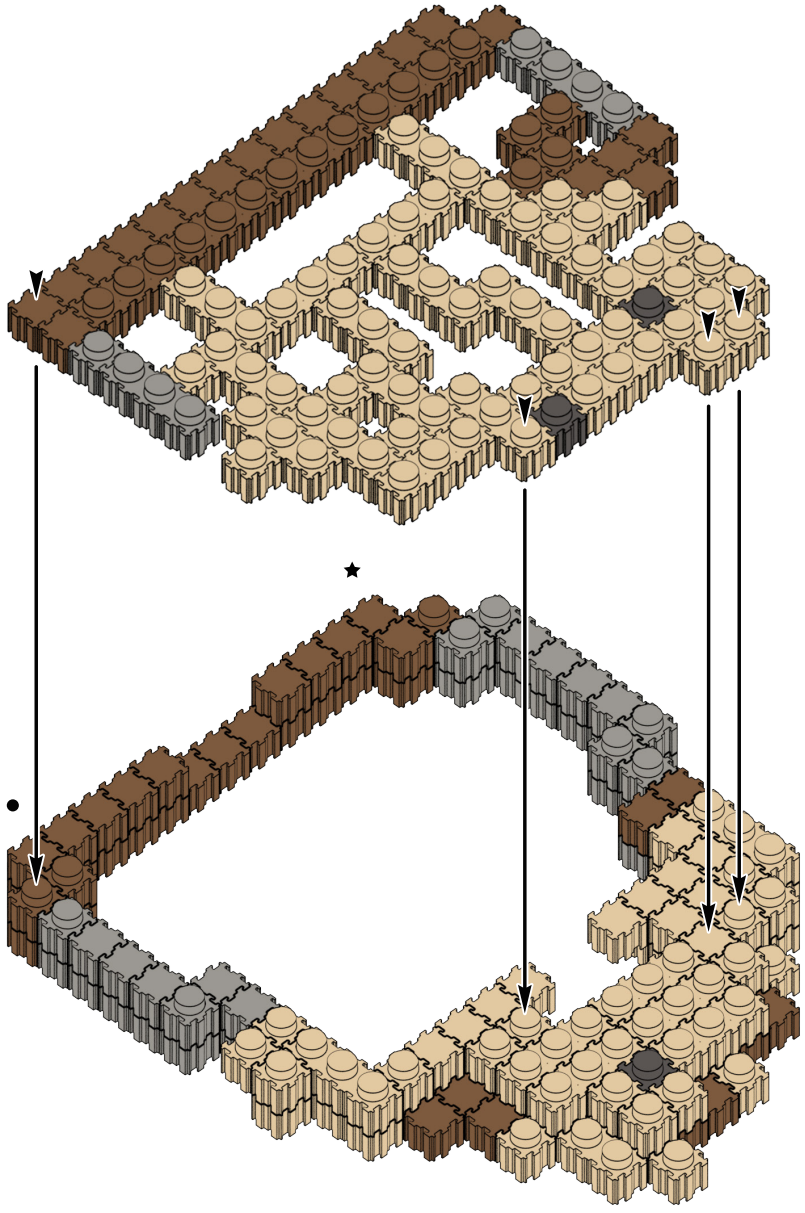
x 20

베이지색 x 18

x 13



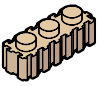
3층 - pers view



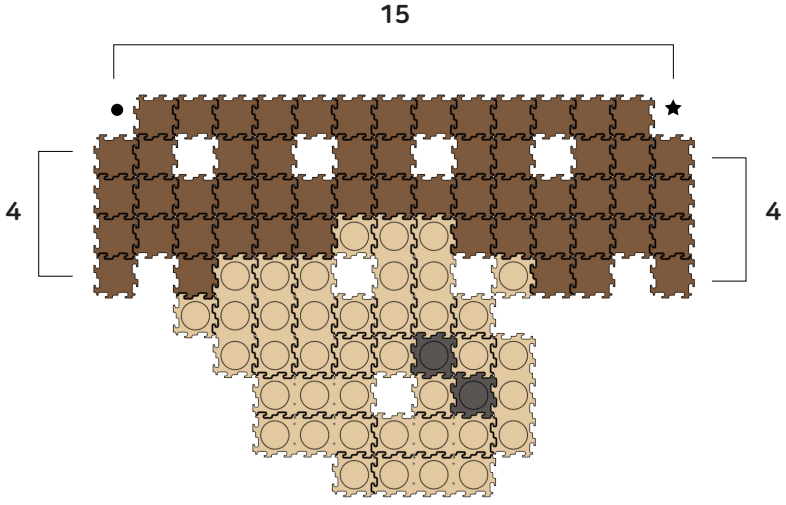
4층 - top view

검정색  x 2

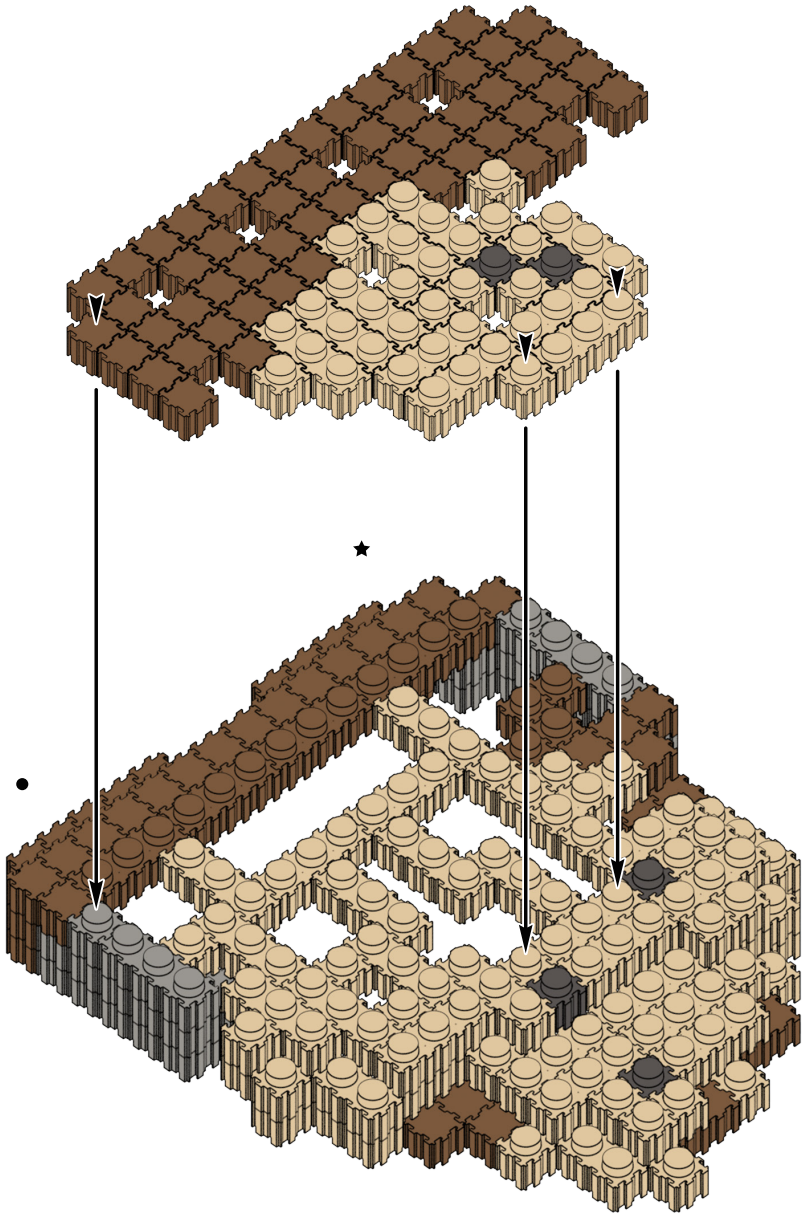
갈색  x 56

베이지색  x 10

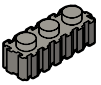
 x 10



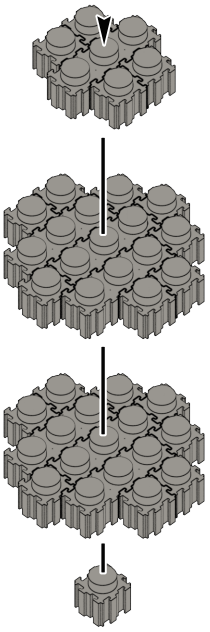
4층 - pers view



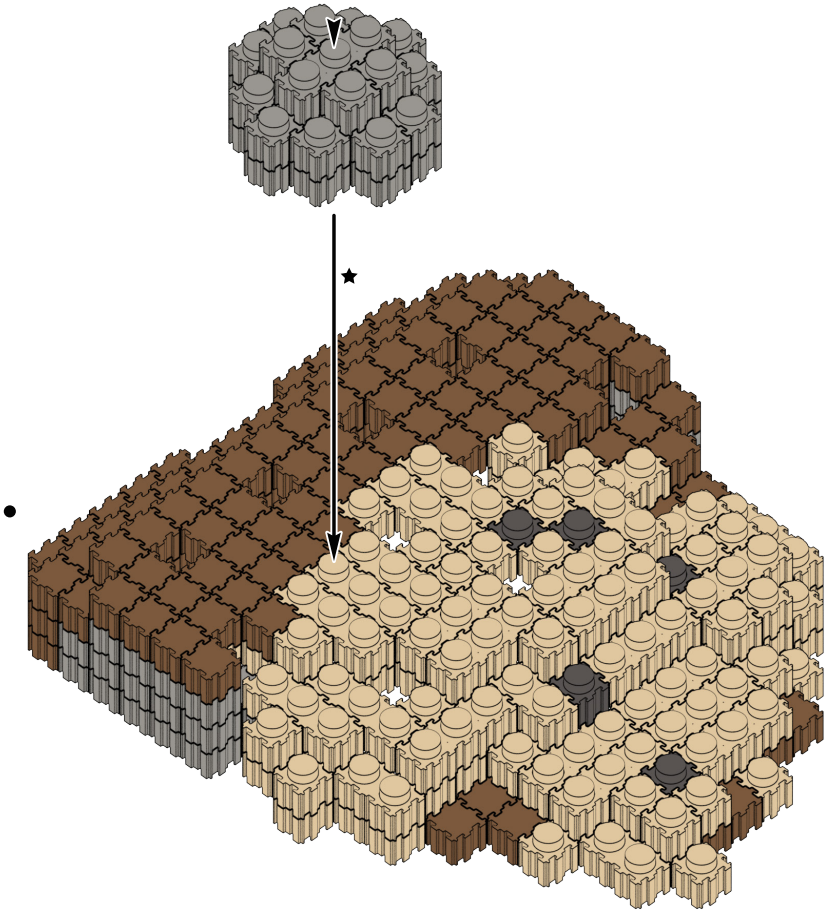
5층 - top view

연회색  x 7

 x 21

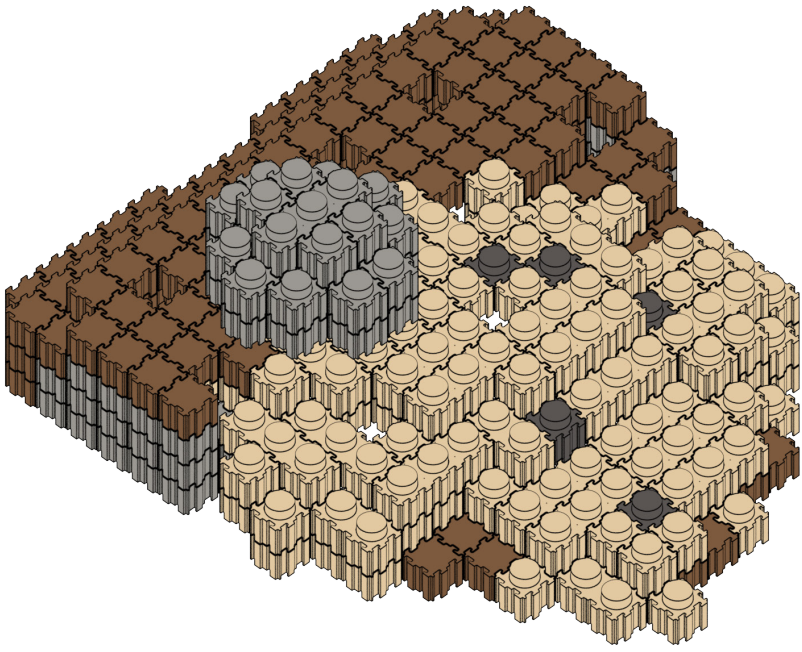


5층 - pers view



Part 5 완성!

Part 5를 완성했습니다. 다음단계의 Part와 결합하지 않습니다.

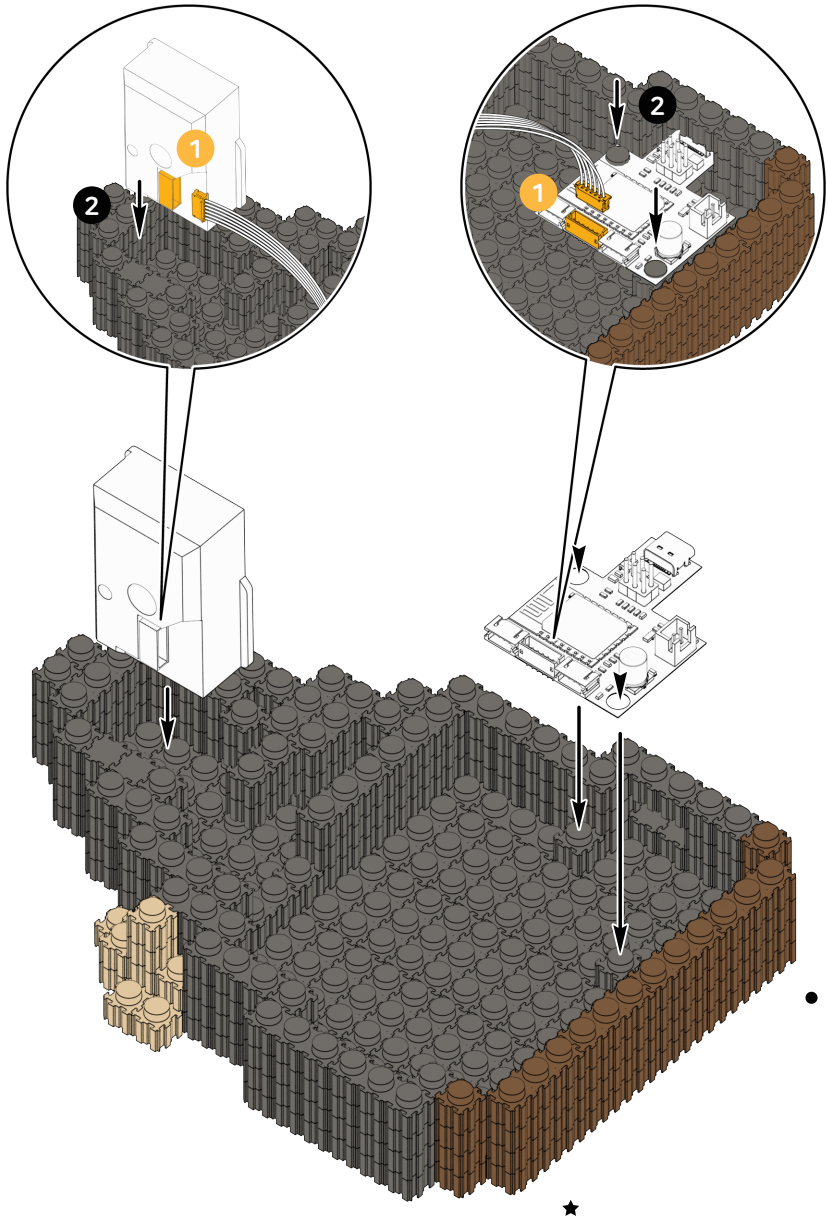


내부 부품 조립 및 완성

부품 조립 1 - Part 1) 메인보드, 미세먼지센서 결합

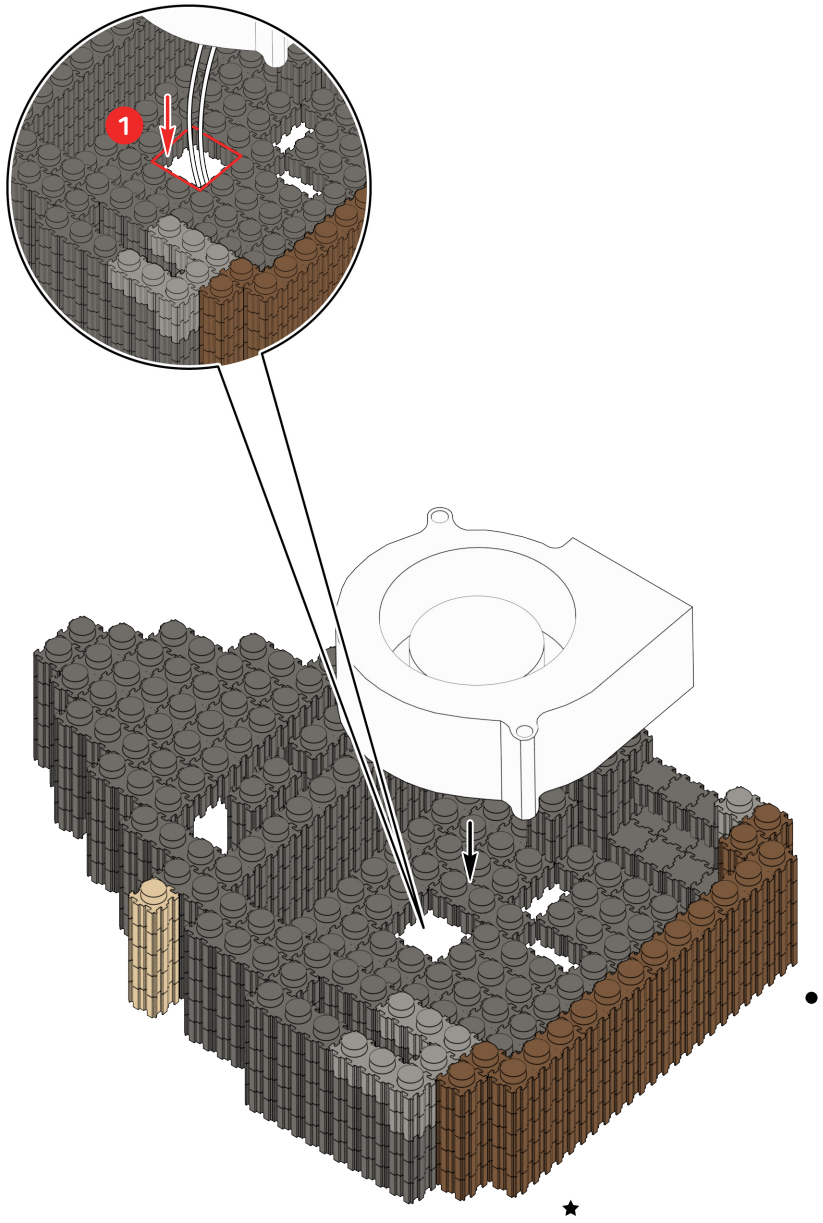
1. 메인보드와 미세먼지센서에 여섯줄 커넥터의 양 끝을 연결합니다.
2. part 1 위에 메인보드와 미세먼지센서를 결합합니다.

* 커넥터 연결 시 쉽게 결합되지 않는다면 반대 방향으로 결합해줍니다.



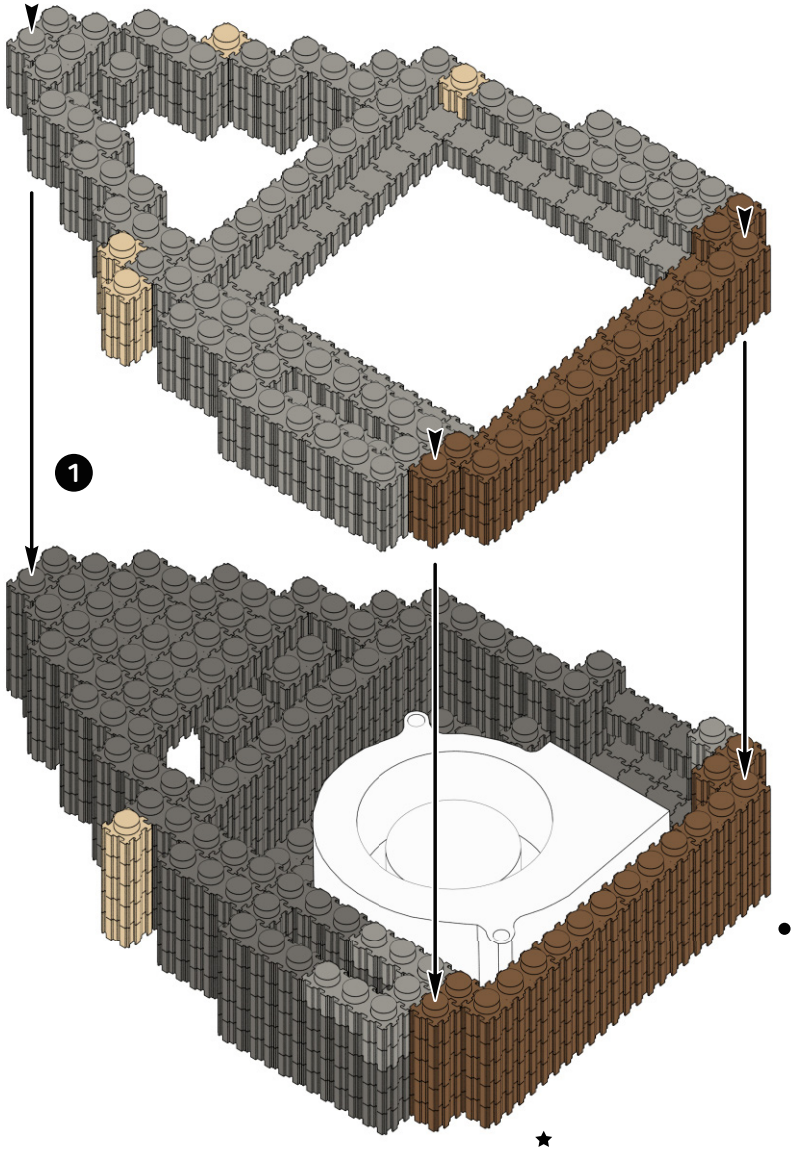
부품 조립 2 - Part 2) 팬 결합

1 Part 2에 팬을 결합하고 팬 케이블을 붉은색으로 표시된 부분으로 통과시킵니다.



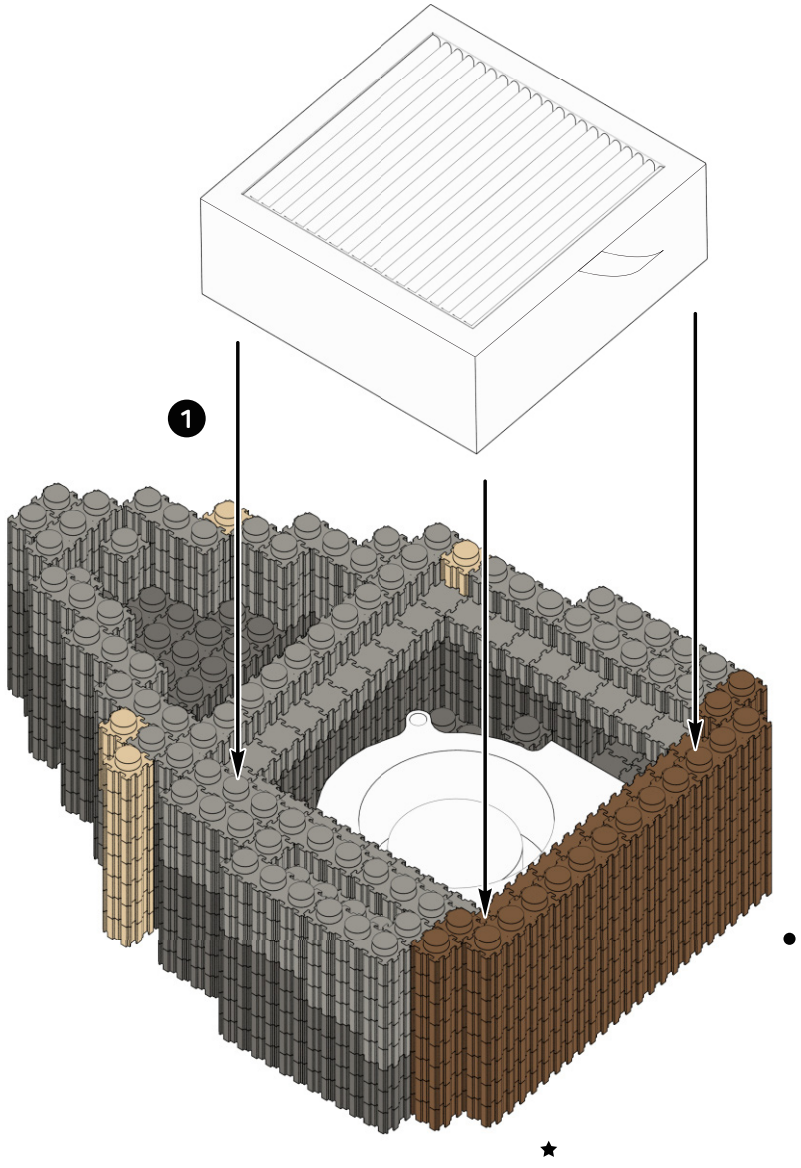
부품 조립 3 - Part 2, Part 3 결합

1 Part 2와 Part 3을 결합합니다.



부품 조립 4 - Part 2, 3) 필터 결합

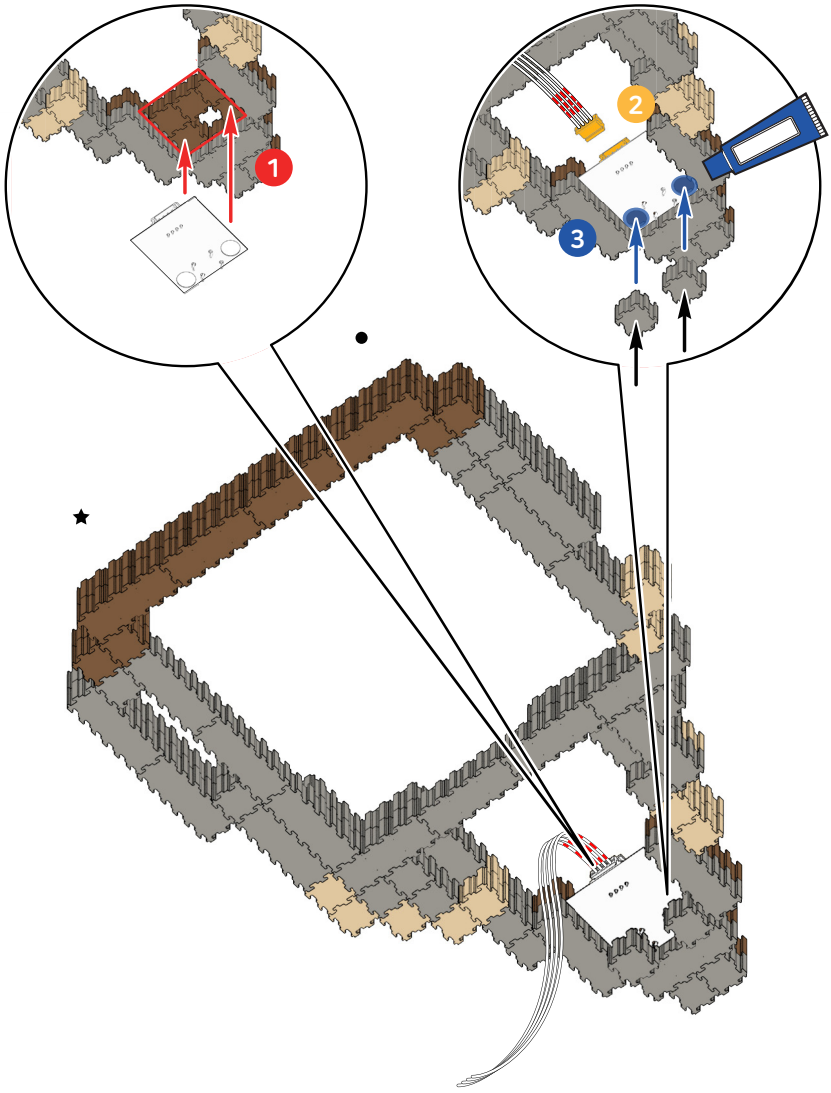
❶ Part 3 위에 필터를 결합합니다.



부품 조립 5 - Part 4) 버튼 결합 (1)

연회색  x 2

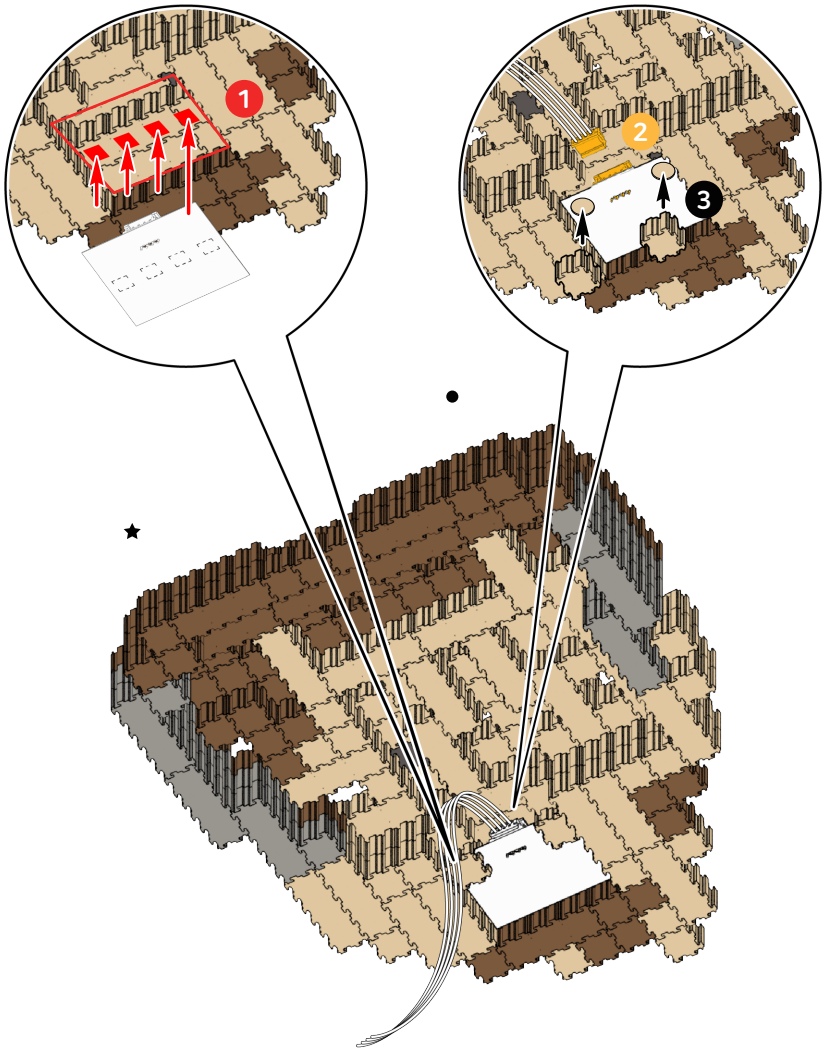
1. 버튼을 붉은색으로 표시된 부분에 위치시켜줍니다.
2. 버튼 네줄 커넥터를 버튼에 연결합니다.
   * LED 네줄 커넥터와 혼동되지 않도록 버튼 네줄 커넥터 양쪽에 표시해 두면 부품 조립 7에서 더욱 쉽게 조립할 수 있습니다.
3. 파란색으로 표시된 위치에 소량의 본드를 도포합니다.
4. 연회색 블록을 결합하여 버튼을 고정시켜줍니다.
   * 본드가 굳을 때까지 충분히 말려줍니다.



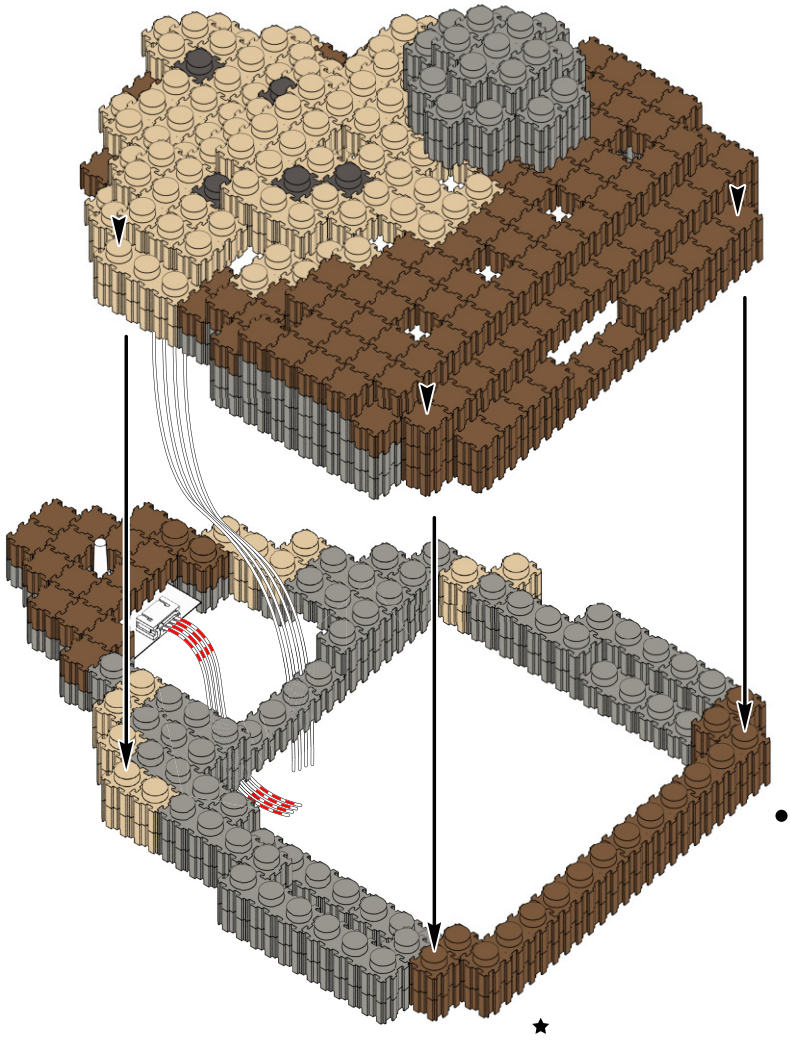
부품 조립 6 - Part 5) LED 결합

베이지색  x 2

1. LED를 네개의 표시된 베이지색 블록 홀에 맞춰 결합합니다.
2. LED 네줄 커넥터를 LED에 연결합니다.
3. 베이지색 블록을 이용해 LED를 고정합니다.

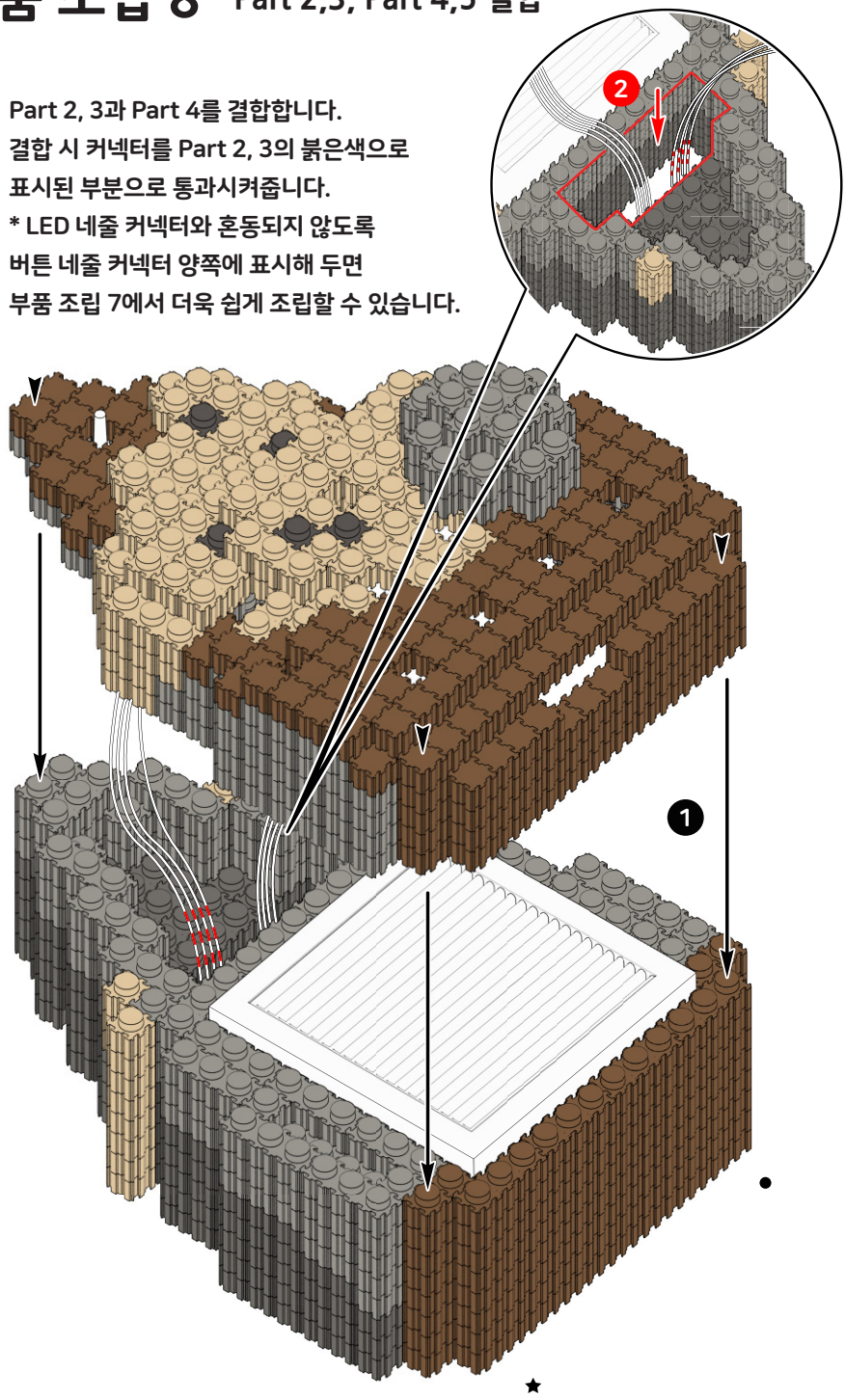


부품 조립 7 - Part 4, Part 5 결합

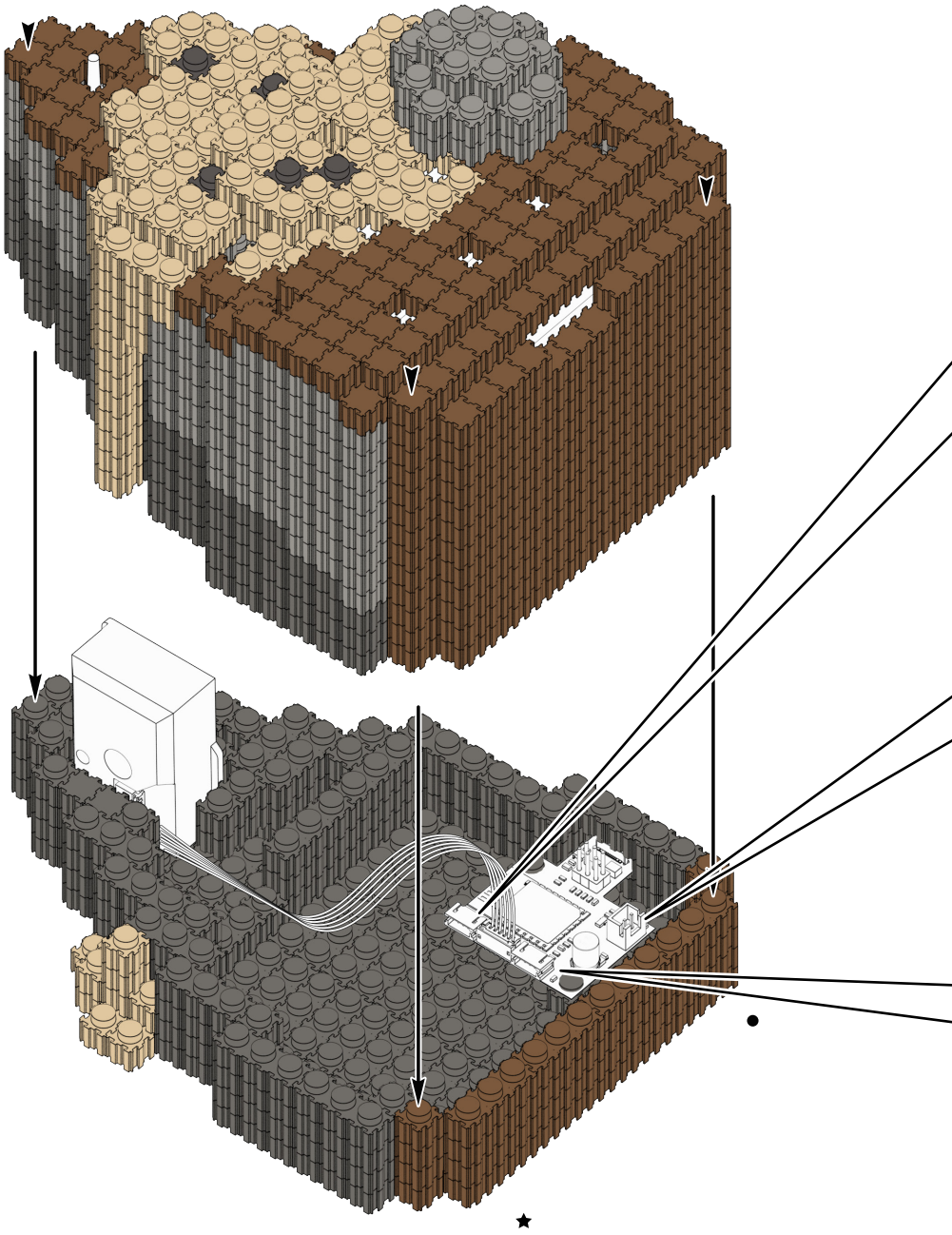


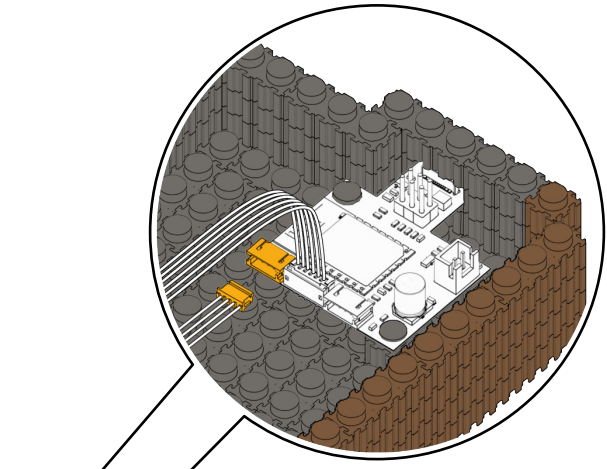
부품 조립 8 - Part 2,3, Part 4,5 결합

1. Part 2, 3과 Part 4를 결합합니다.
2. 결합 시 커넥터를 Part 2, 3의 붉은색으로 표시된 부분으로 통과시켜줍니다.
   * LED 네줄 커넥터와 혼동되지 않도록 버튼 네줄 커넥터 양쪽에 표시해 두면 부품 조립 7에서 더욱 쉽게 조립할 수 있습니다.

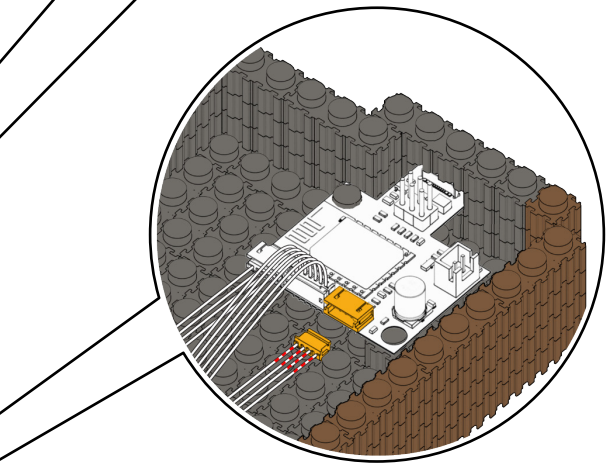


부품 조립 9 - 버튼, LED, 팬 커넥터 결합
Part 1, Part 2, 3, 4, 5 결합

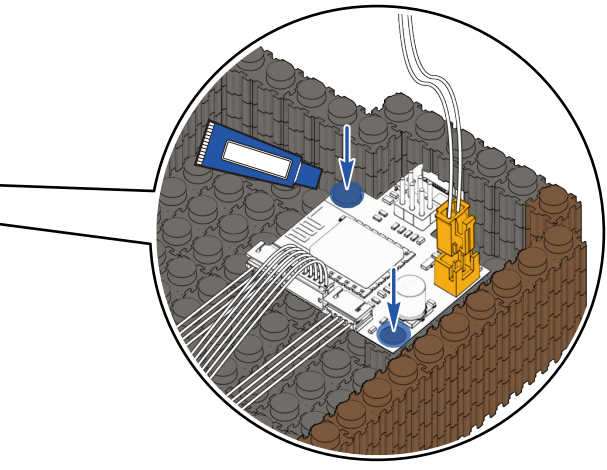




LED 네줄 커넥터를 메인보드에 연결합니다.
* 이 때 버튼 네줄 커넥터와 혼동하지 않도록 주의합니다.



버튼 네줄 커넥터를 메인보드에 연결합니다.

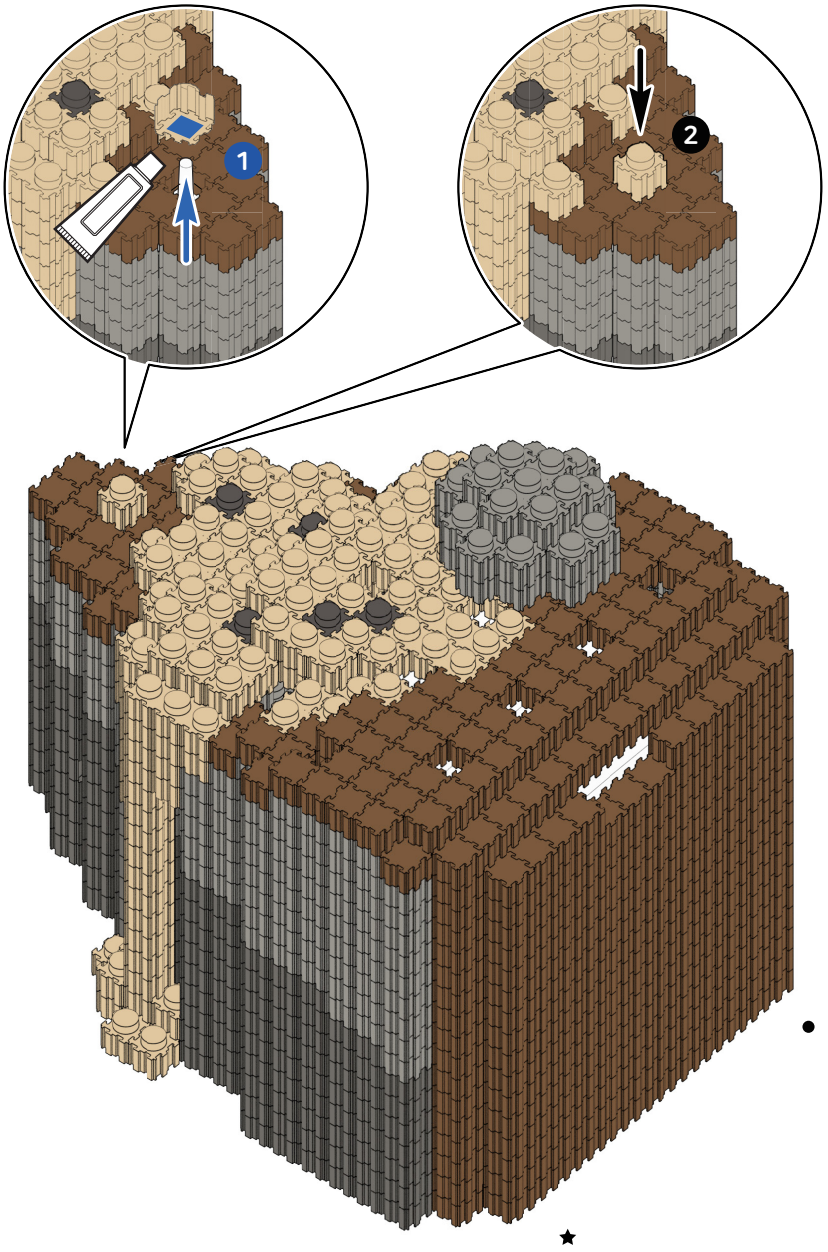


팬 커넥터를 메인보드에 연결합니다.
파란색으로 표시된 위치에 소량의 본드를 도포하여 메인보드를 고정시켜줍니다.
* 본드가 굳을 때까지 충분히 말려줍니다.

부품 조립 10 - 버튼 결합 (2)

베이지색  x 1

1. 베이지색 블록 안쪽 면에 본드를 묻혀줍니다.
2. 버튼에 연결하여 고정시켜줍니다 * 본드가 굳을 때까지 충분히 말려줍니다.



완성!

