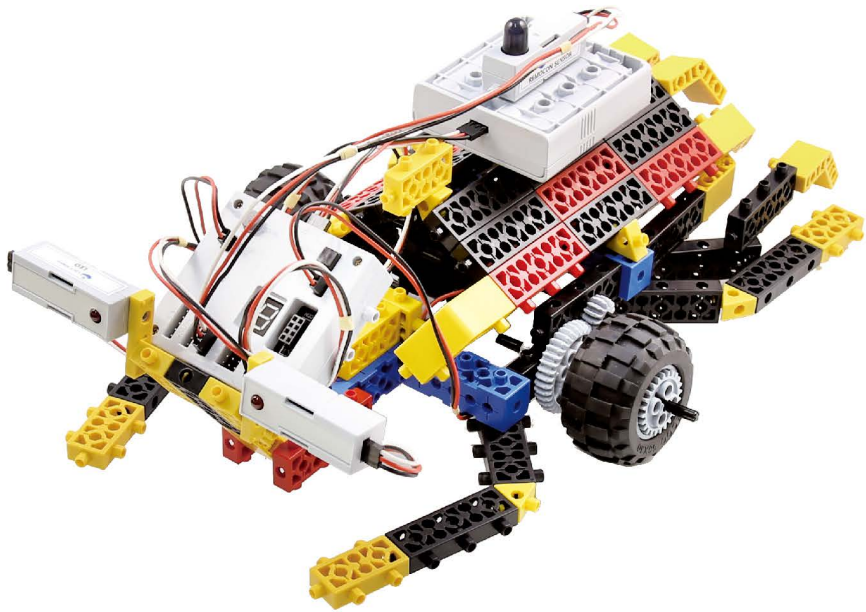




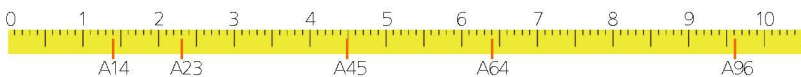
장수풍뎅이

감속기어를 사용하여 장수풍뎅이를 로봇으로 만든 모델로 감속기어의 장점과 단점을 공부해보고 다양한 곤충로봇을 창작하여 만들어 보세요.



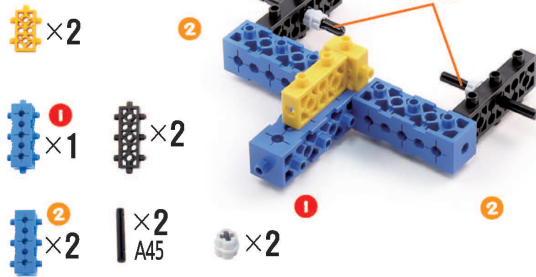
장수풍뎅이 부품리스트 | 구조물을 만들어 봅시다.

굵은돌기 수평셀 (1)	굵은 수평셀 (4)	8돌기셀 (6)	7돌기셀 (4)	4돌기셀 (8)	6돌기셀 (4)	2돌기셀 (10)	기본셀 (8)	2단셀 (10)	굴절셀 (11)	연결셀 (2)	삼각셀 (10)	12톱니동근 기어 (2)
24톱니동근 기어 (2)	36톱니동근 기어 (2)	중간연결잭 (2)	긴연결잭 (2)	오프로드바퀴 (2)	축45 (6)	건전지6V 케이스 (1)	DC모니터 (2)	무선리모콘 (1)	MAIN (1)	LED센서 (2)	리모컨수신 센서(1)	연결잭 (4)

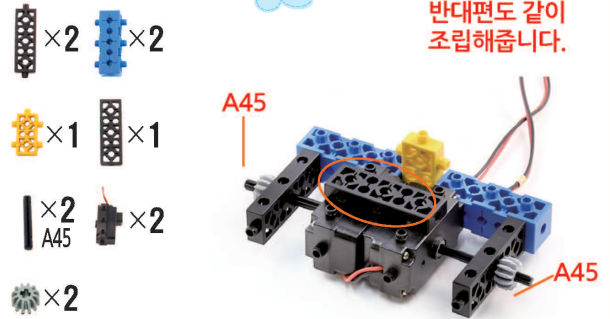


1 ★★

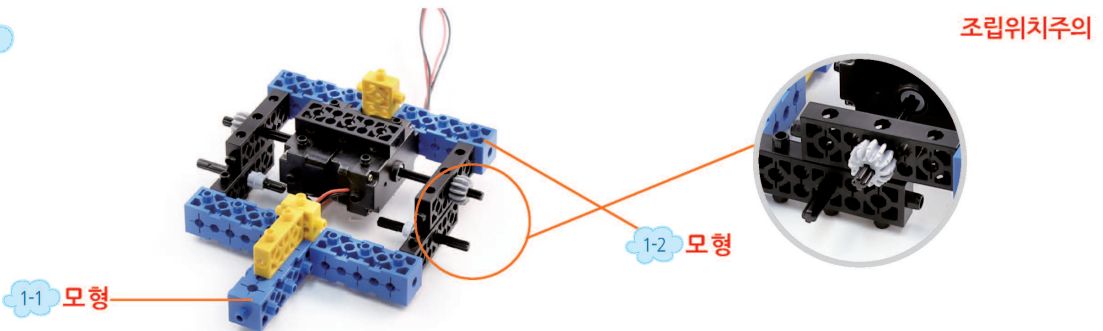
1-1



1-2



1-3

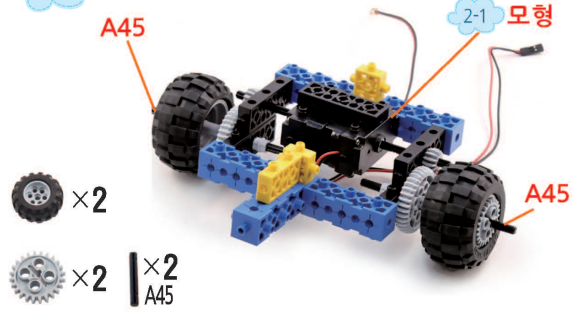


2 ★★

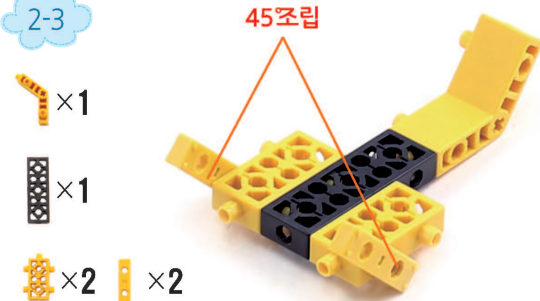
2-1



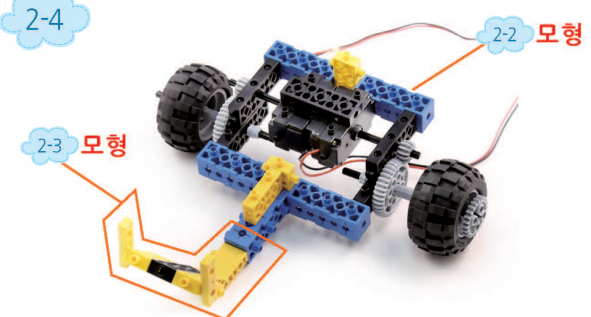
2-2



2-3



2-4

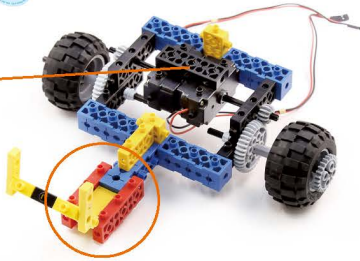




2 ★★★

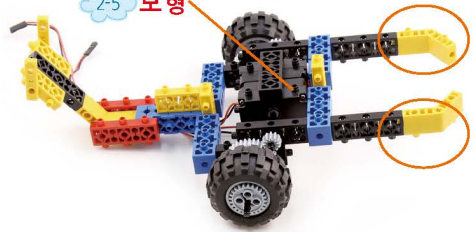
2-5

2-4 모형



2-6

2-5 모형

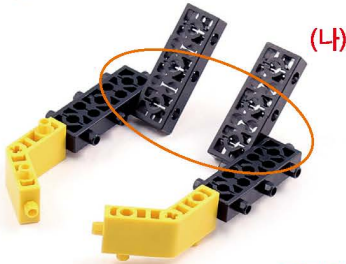


3 ★★★

3-1

(가)

(나)



45조립

3-2



같은 모형 2개를 만들어줍니다.



3-3



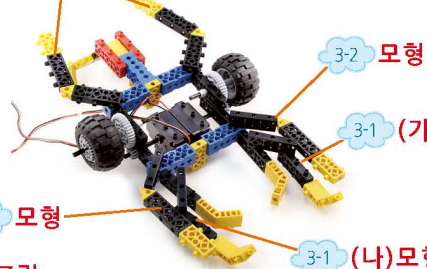
같은 모형 2개를 만들어줍니다.



3-4

3-3 모형

습모양



3-2 모형

3-2 모형

3-1 (가)모형

3-1 (나)모형

※모두 45조립

3-5

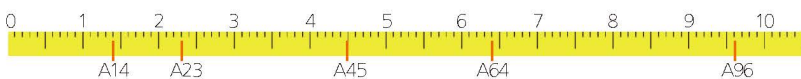
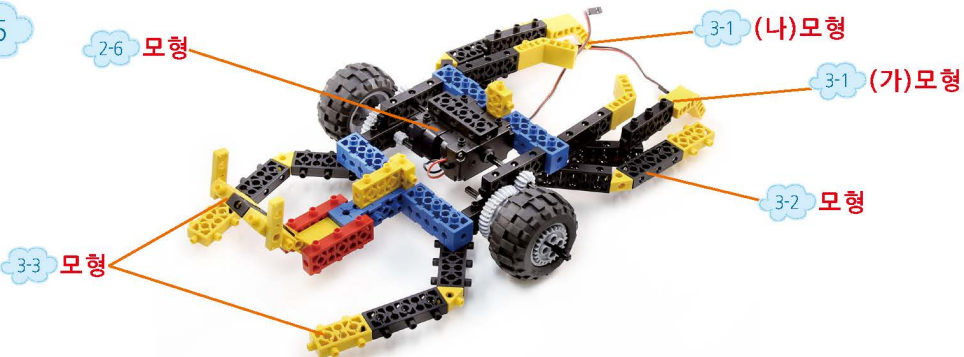
2-6 모형

3-1 (나)모형

3-1 (가)모형

3-2 모형

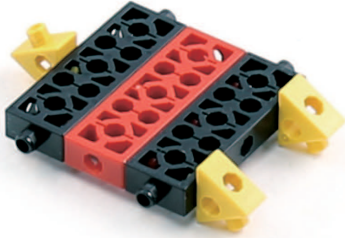
3-3 모형








4 ★★★

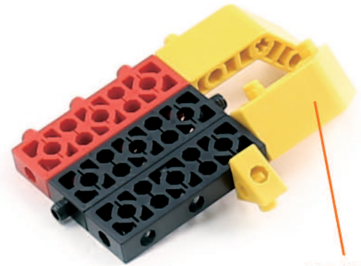
4-1

-  ×1
-  ×2
-  ×3









4-2

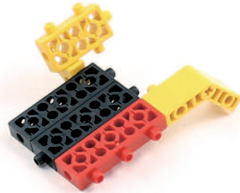
-  ×1
-  ×2
-  ×1
-  ×1
-  ×1



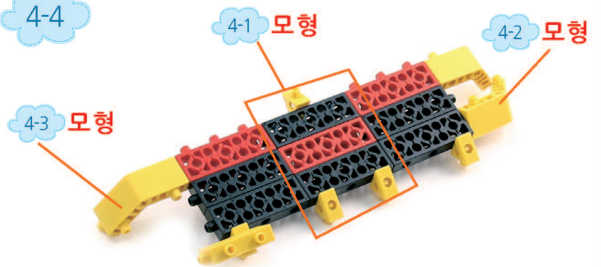
45조립

4-3

-  ×1
-  ×1
-  ×1
-  ×1
-  ×1
-  ×1



4-4







5 ★★★

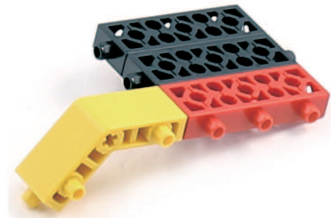
5-1

-  ×1
-  ×2
-  ×1







5-2

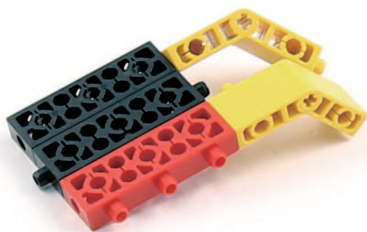
-  ×1
-  ×1
-  ×1
-  ×1



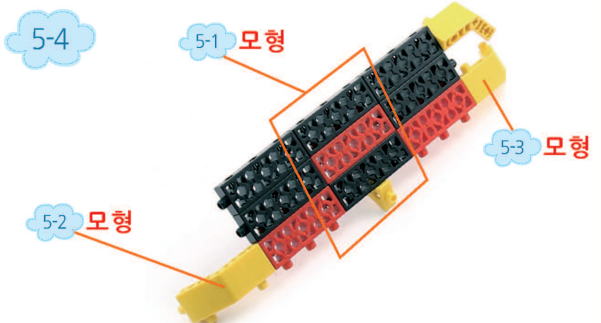
5-3

45조립

-  ×1
-  ×2
-  ×1
-  ×1



5-4





6 ★★★

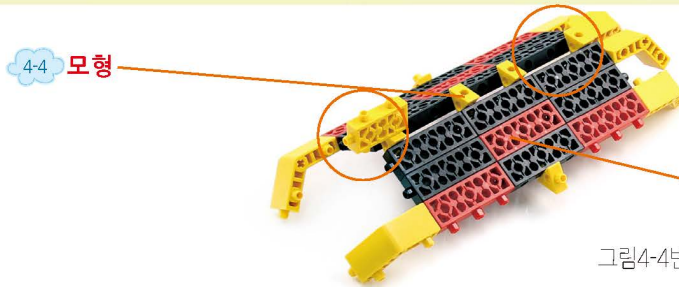


그림4-4번과 5-4번에서 만든 모형을 조립합니다.

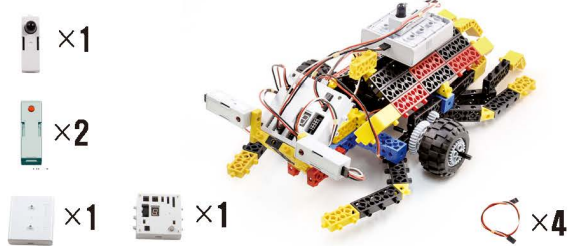
7 ★★★

7-1



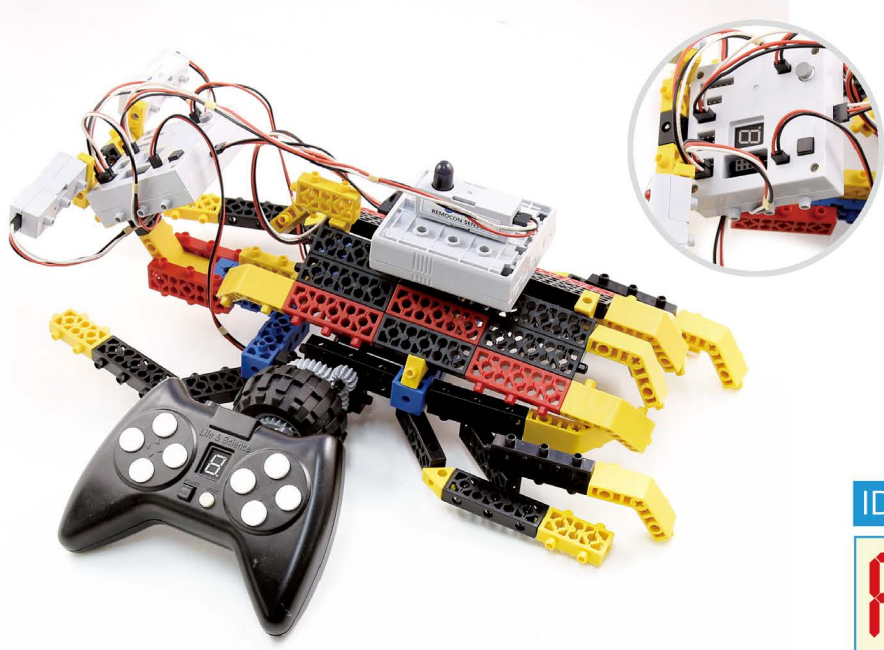
그림6번과 3-5번에서 만든 모형을 조립합니다.

7-2



8 ★★★

완성



ID F
F

