



**Logic**

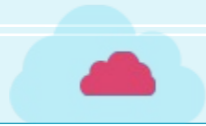
**Space**



**Coding**



**Focus**



# Classroom Discipline

**01**

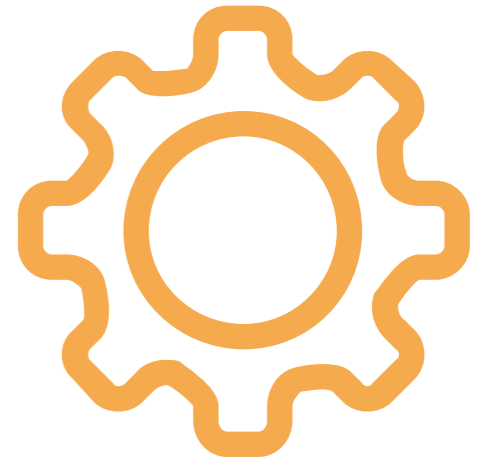
Please sit down and keep quiet in class.

**02**

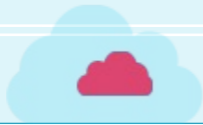
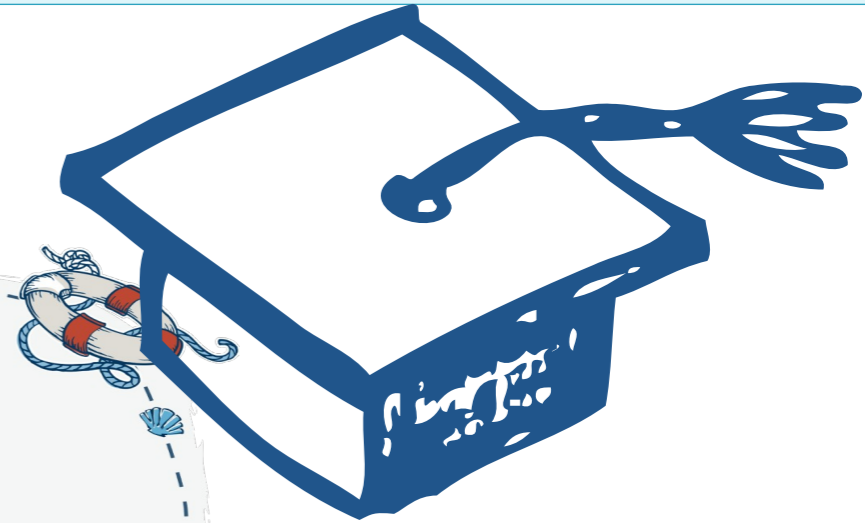
Please raise your hand if you have any questions

**03**

Please observe carefully when the pictures are played.

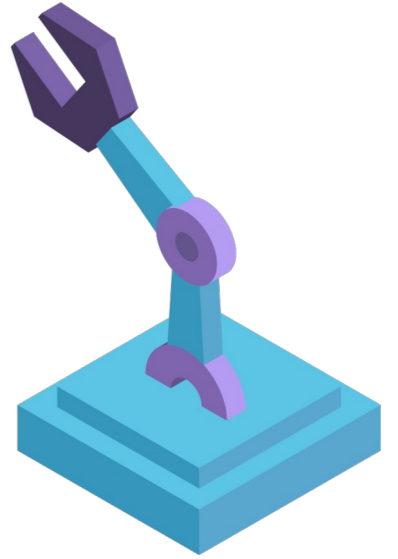


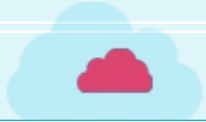
# The Little Car



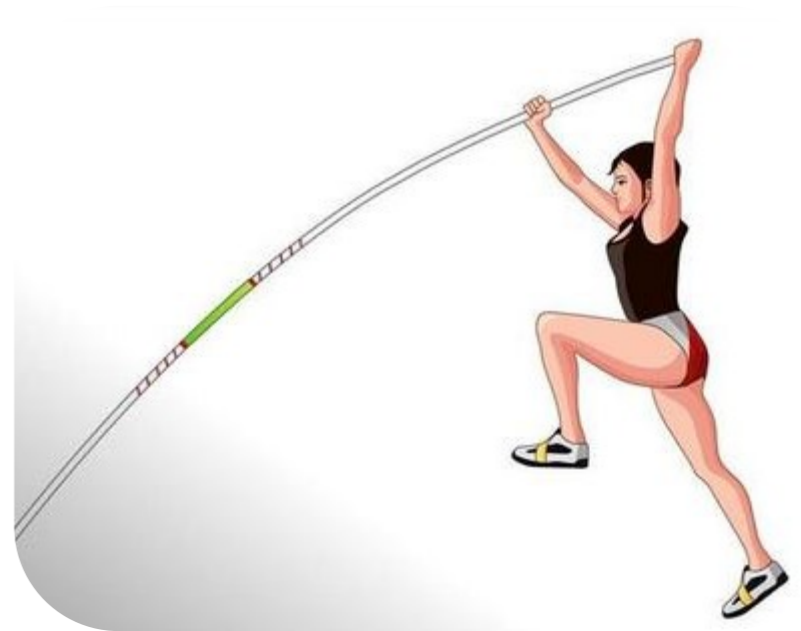


**Think**



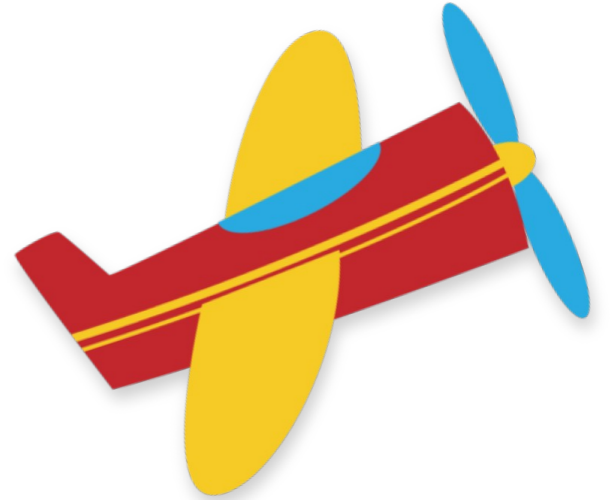


1. Kids, what are the things with elasticity in life?
2. So what exactly is elasticity?





**Explore**





# 1. What is force?



Force is an external factor that causes an object to change its state of motion or deformation.

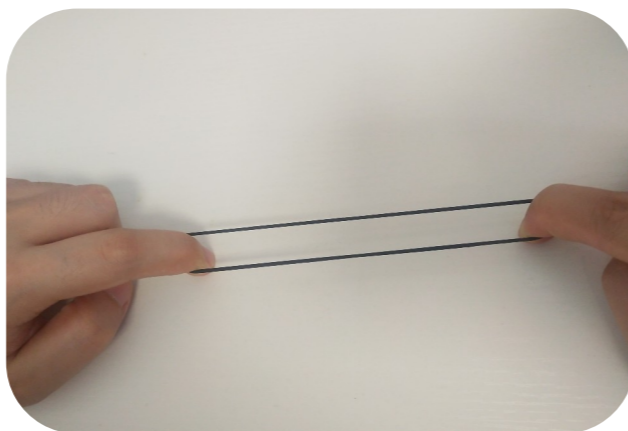
When an object is deformed by force, the object will not return to its original shape when the external force disappears.

This is called **plastic deformation**.

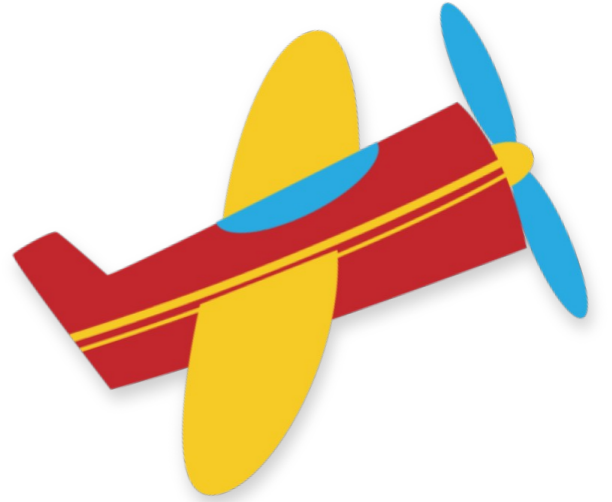
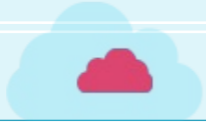


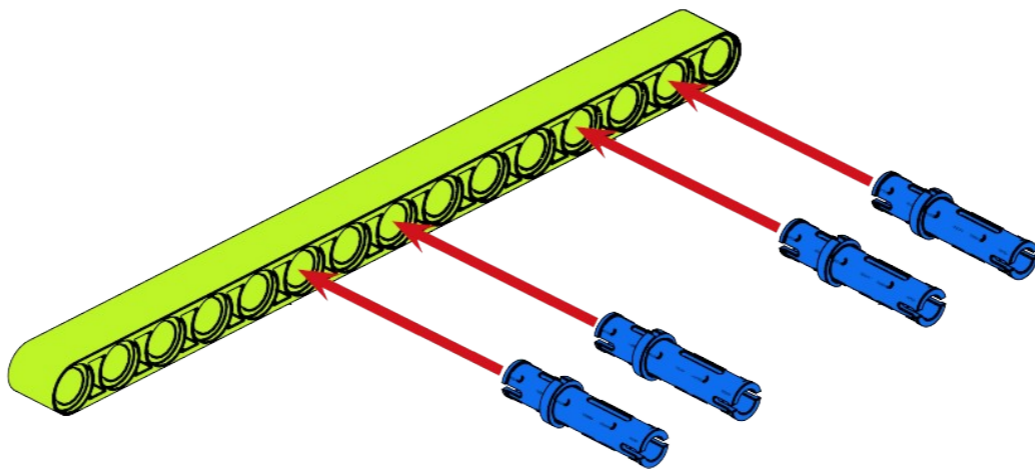
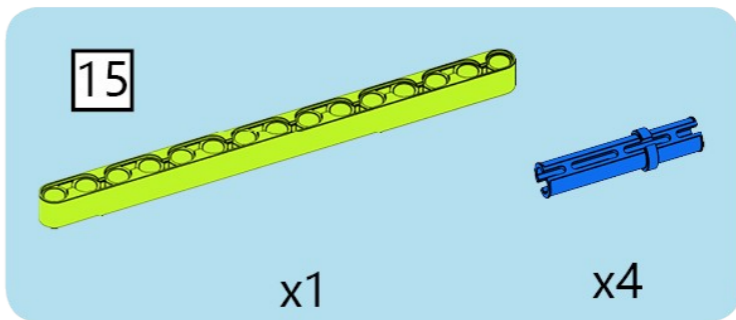
1. What is elasticity?

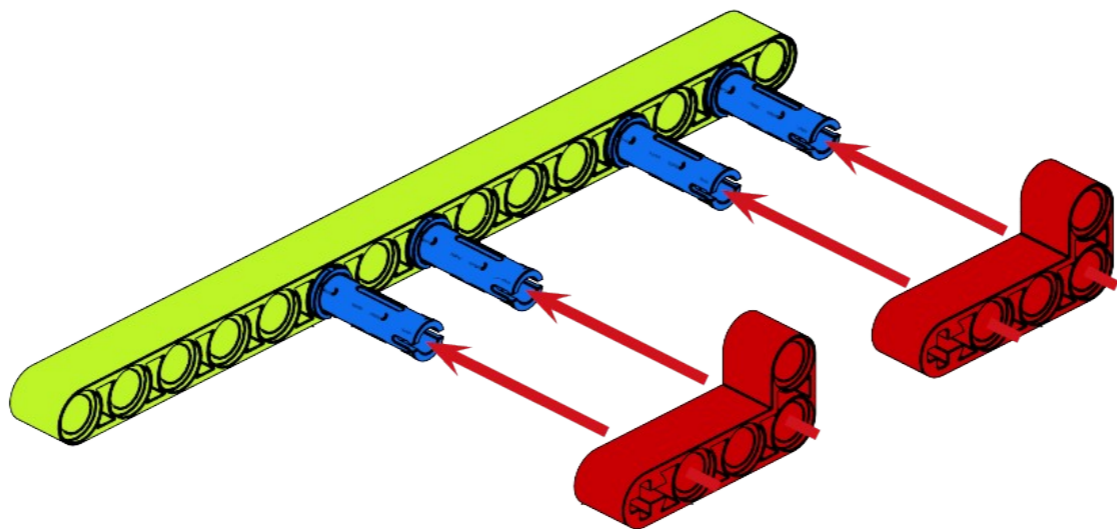
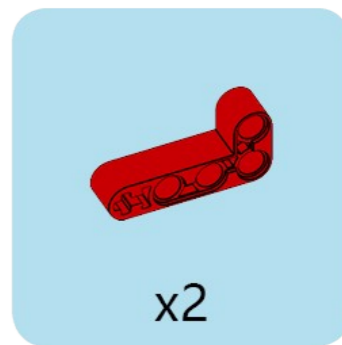
2. Can we use elastic force to move the car?

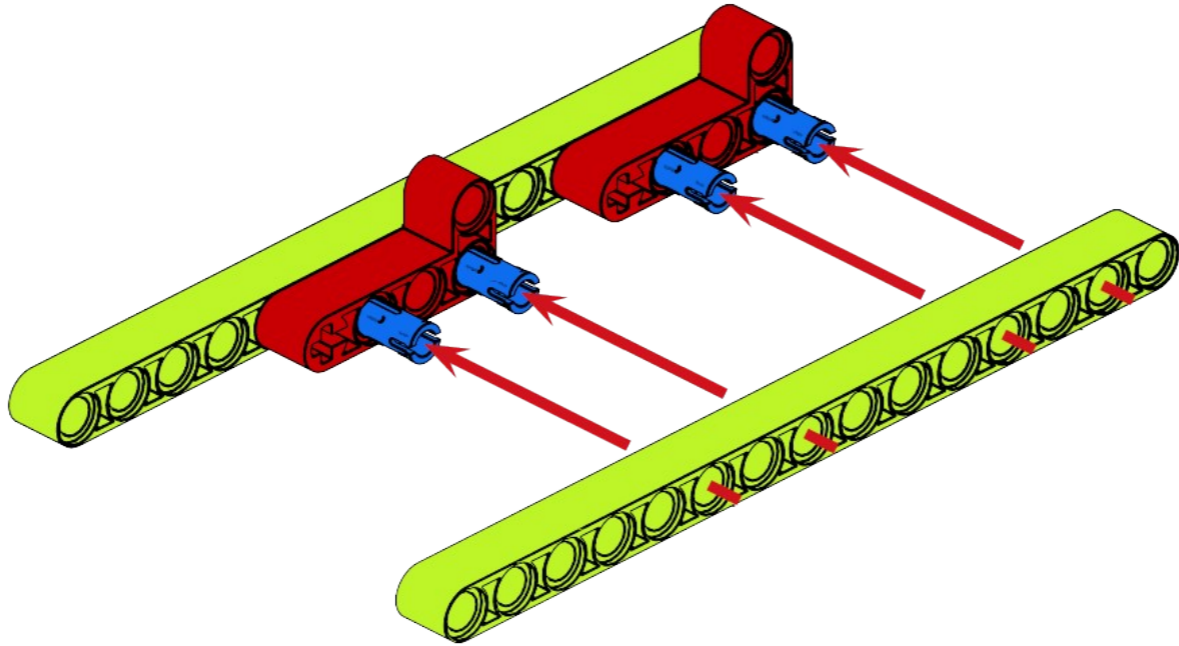
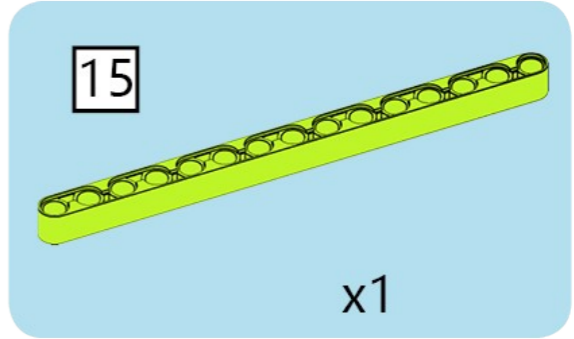
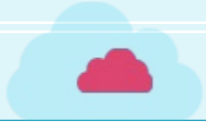


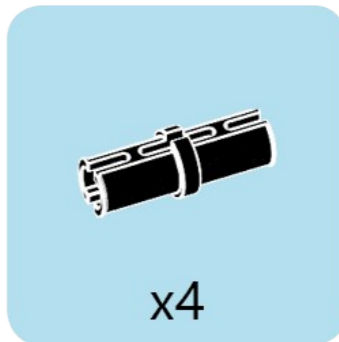
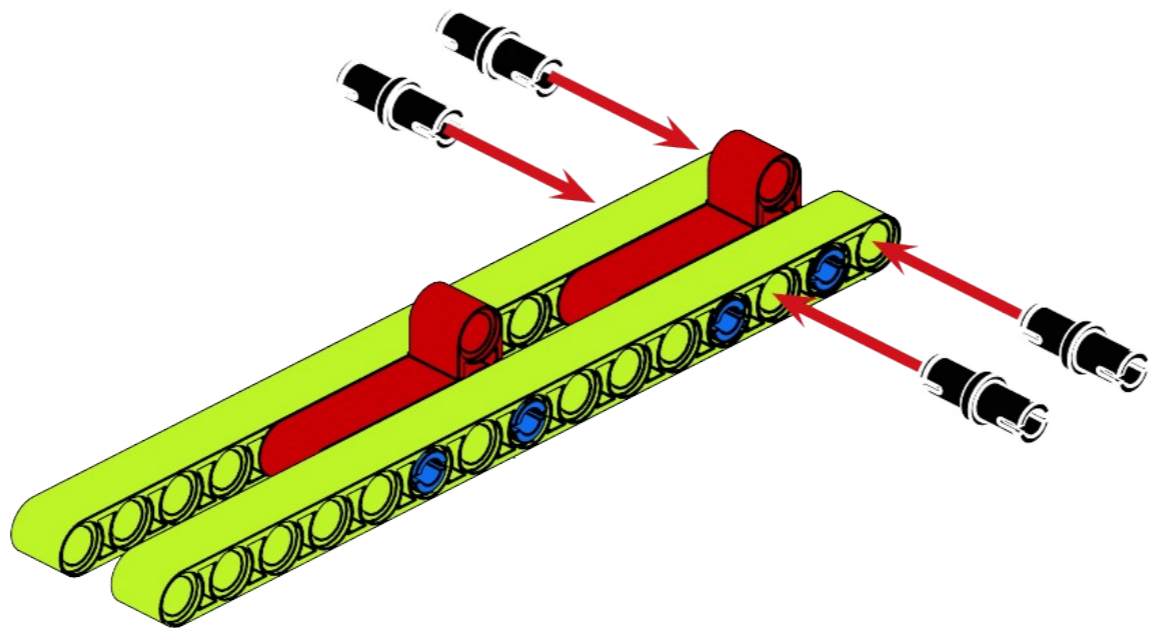
When an object is deformed by an external force, the force that allows the object to return to its original shape if the external force is removed is called "**elastic force**". This kind of deformation is called **elastic deformation**.

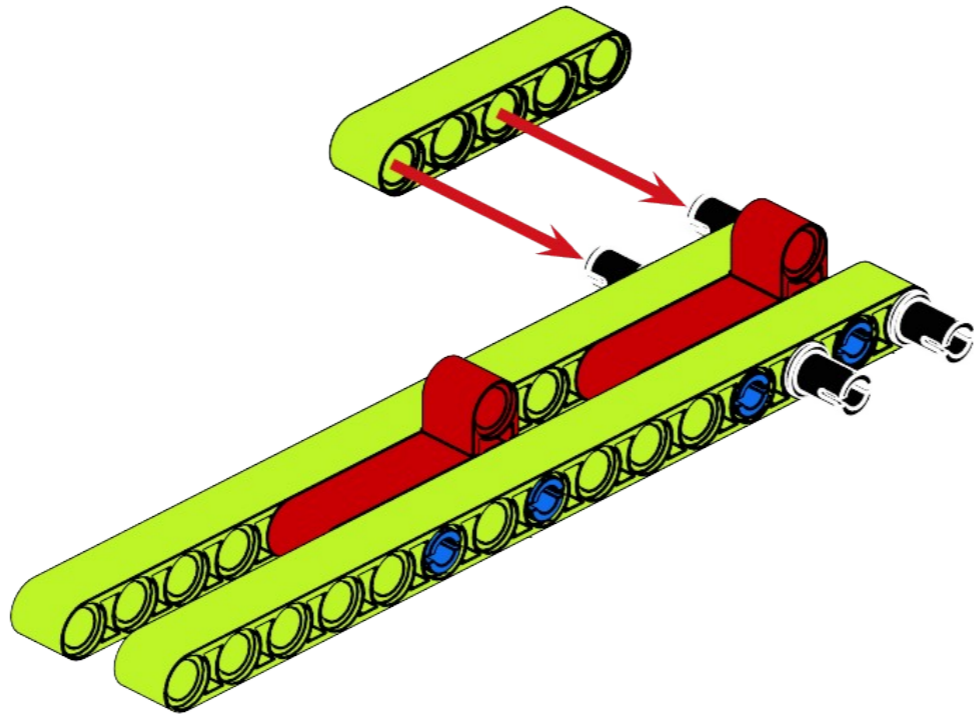




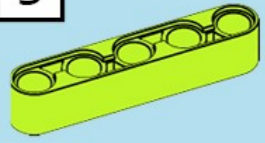




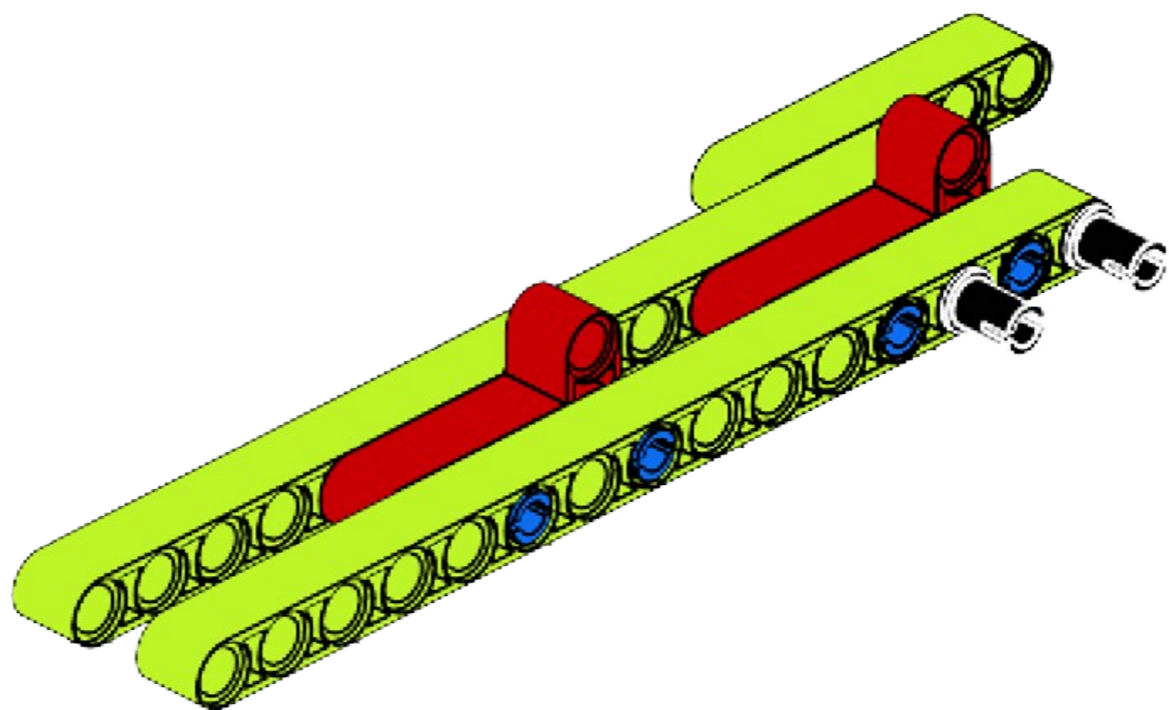


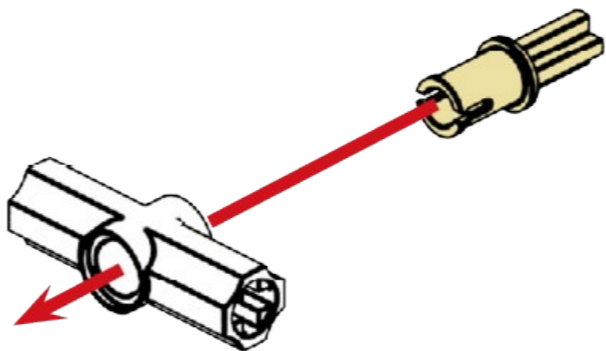
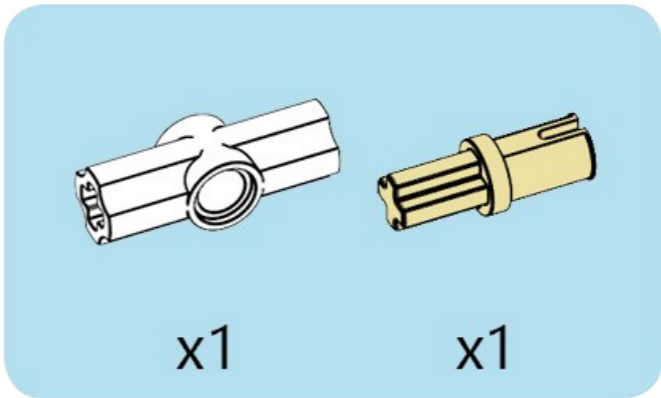


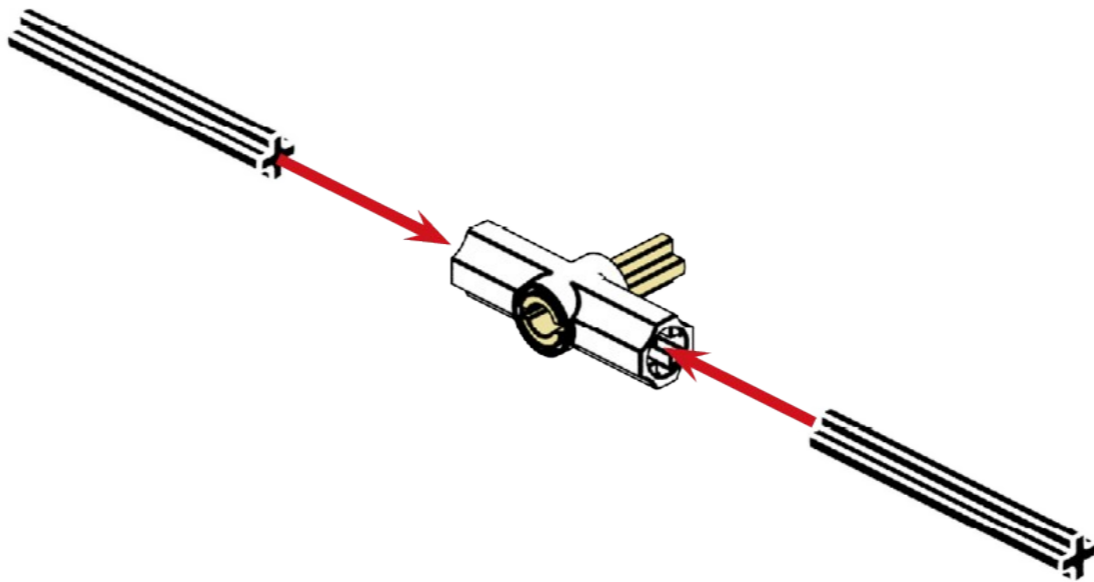
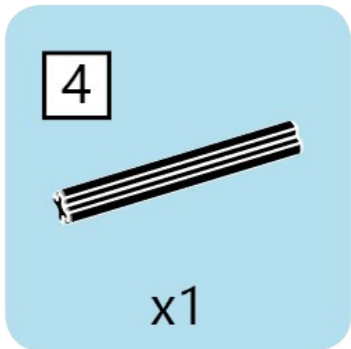
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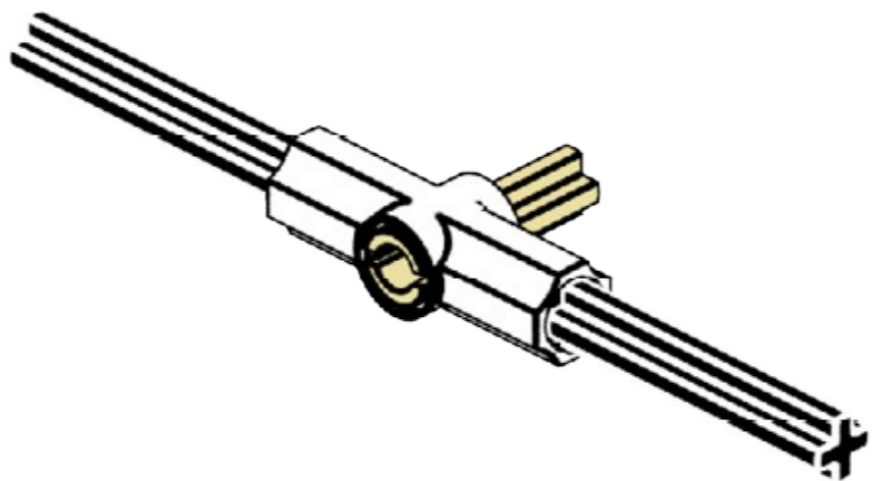


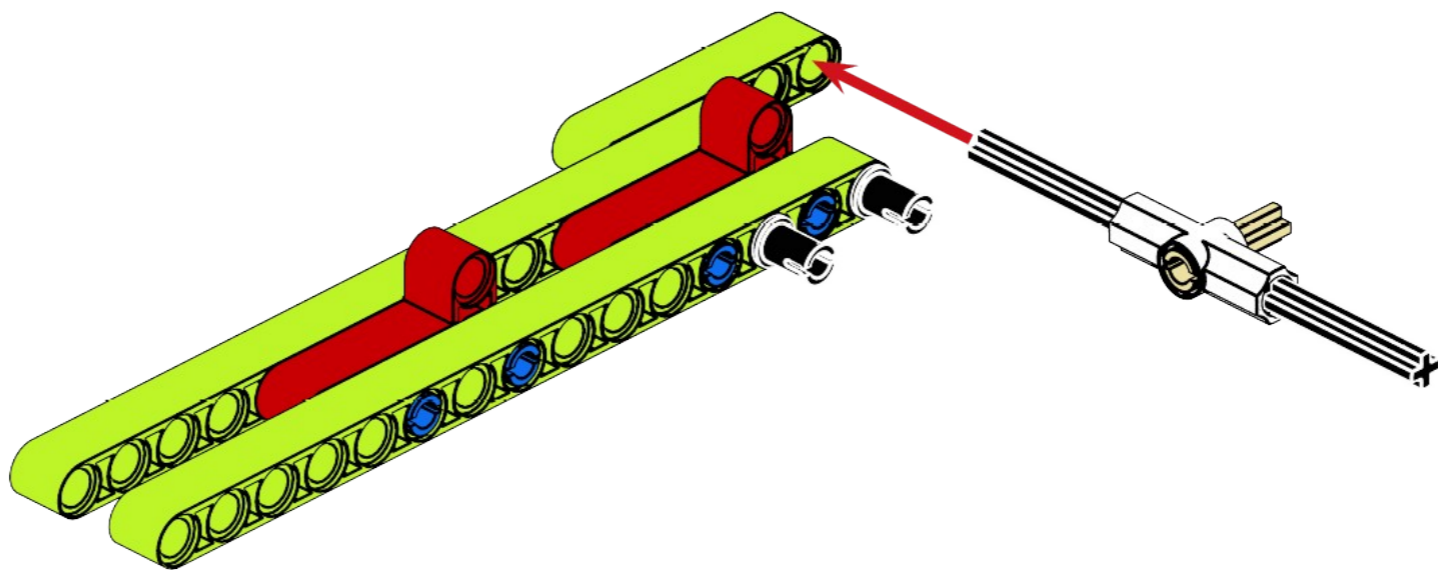
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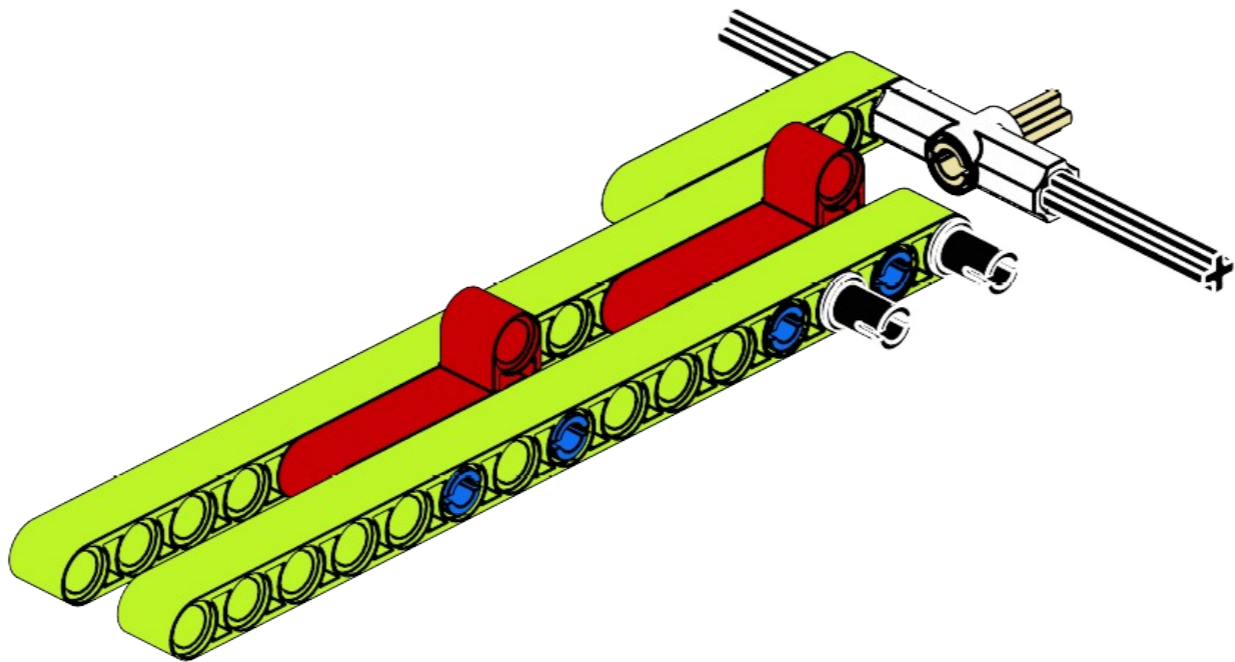


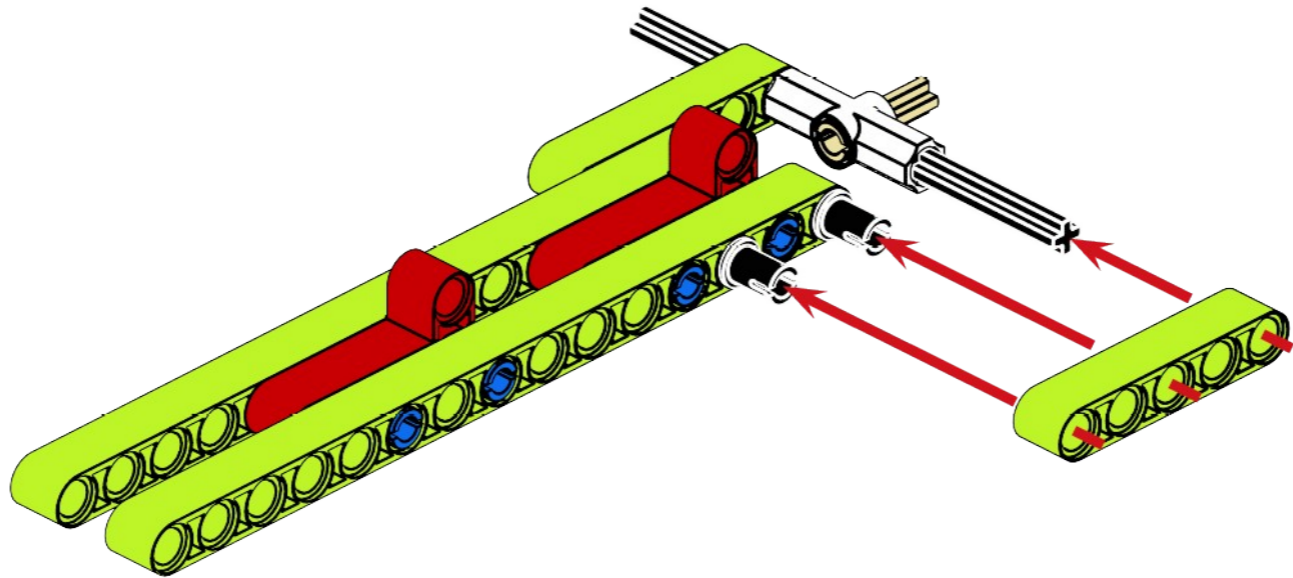
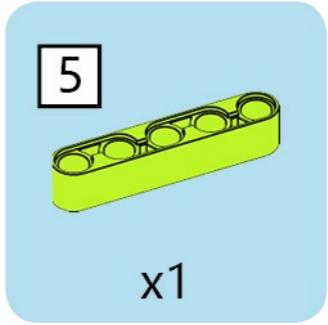


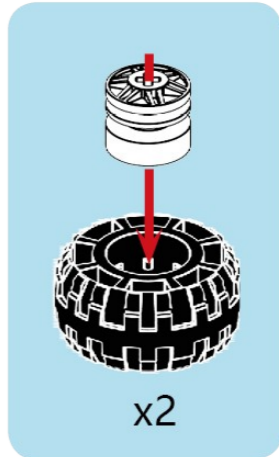
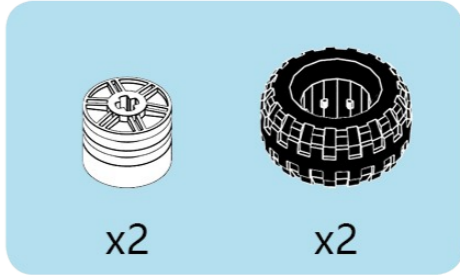
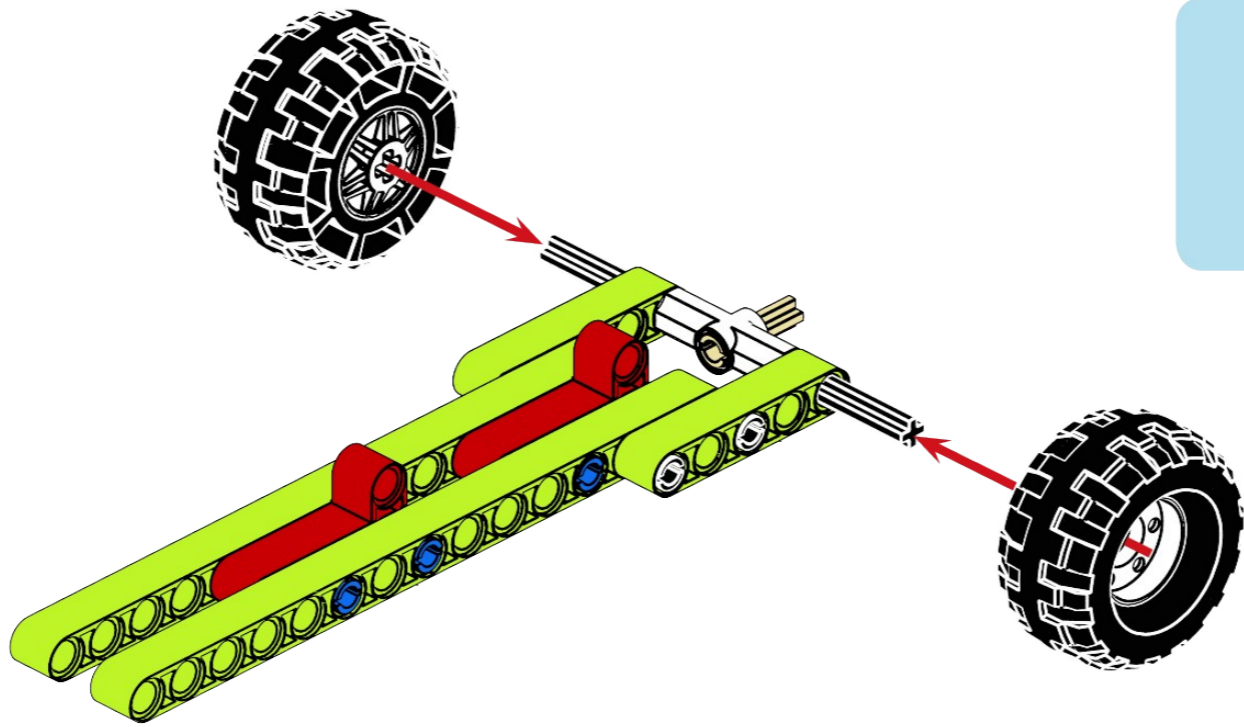
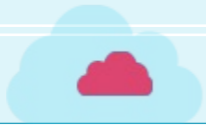


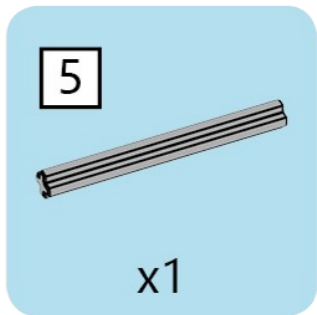
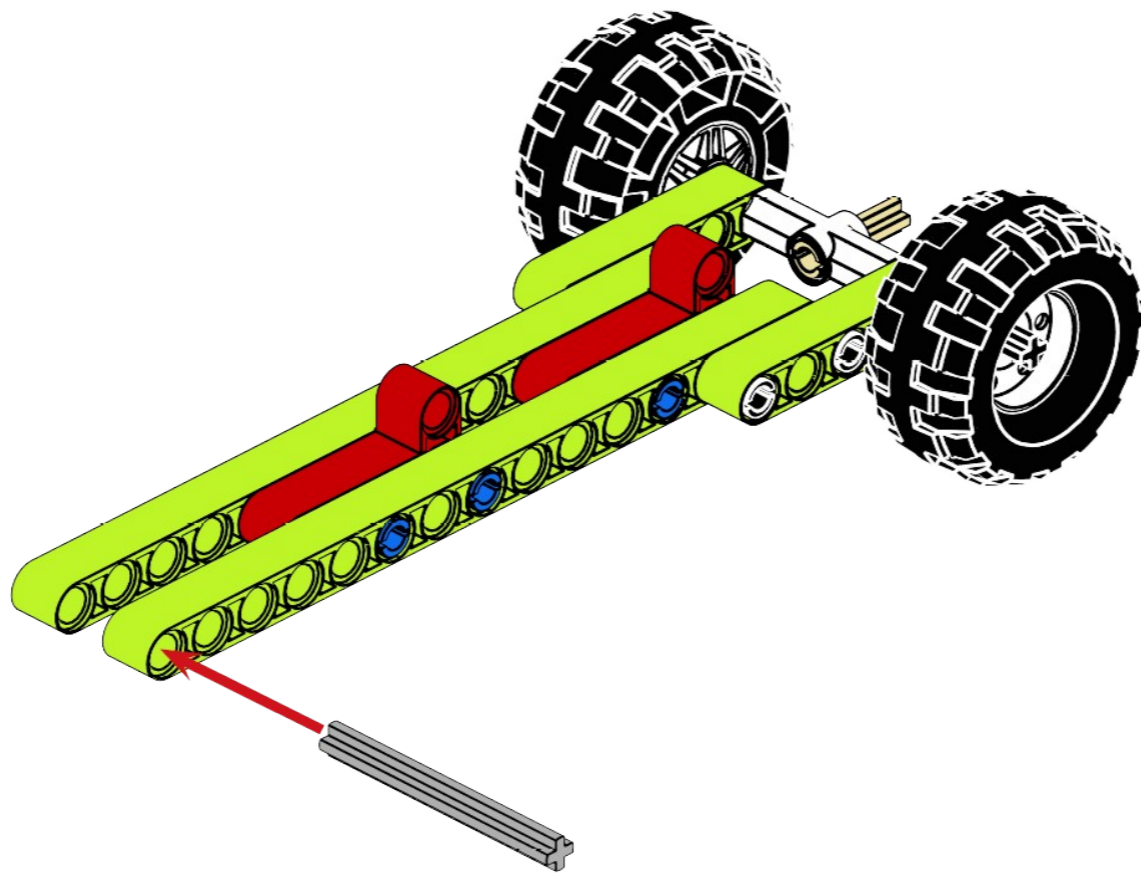


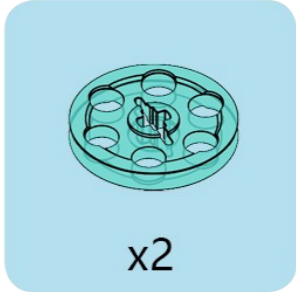
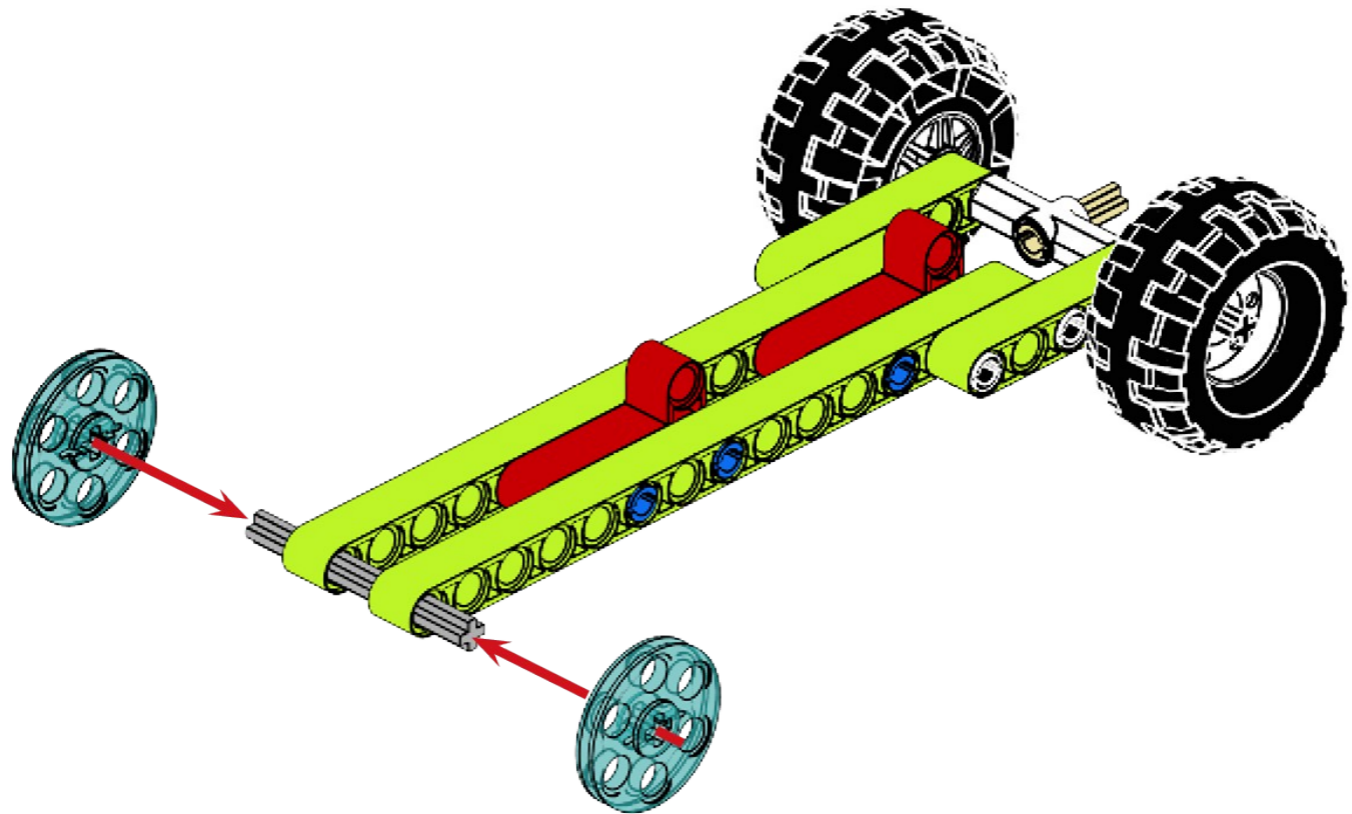


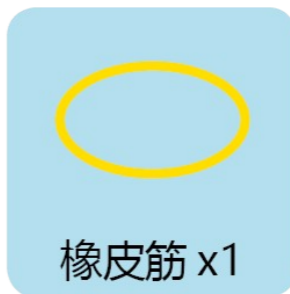
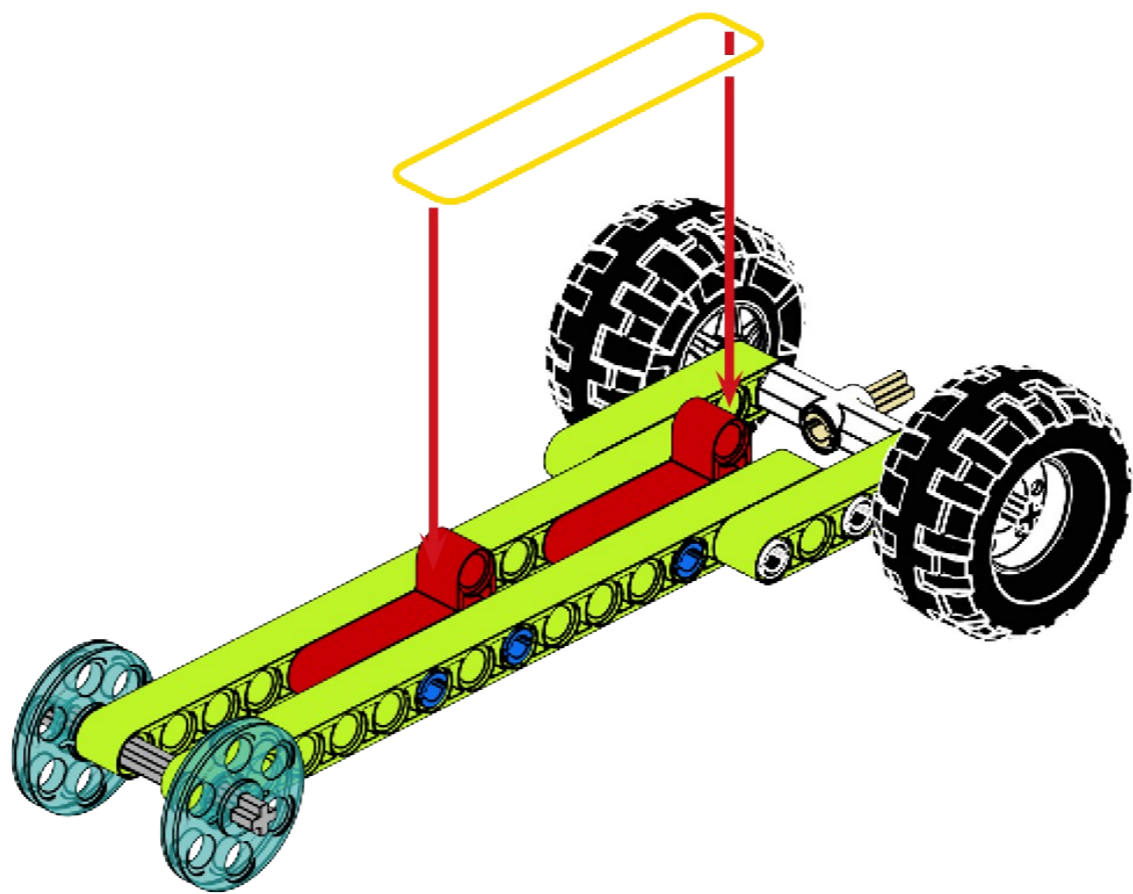




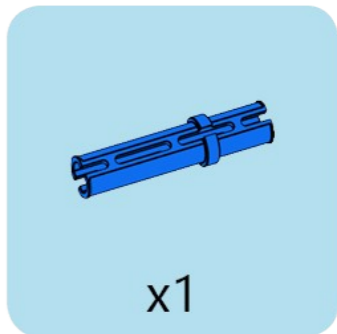
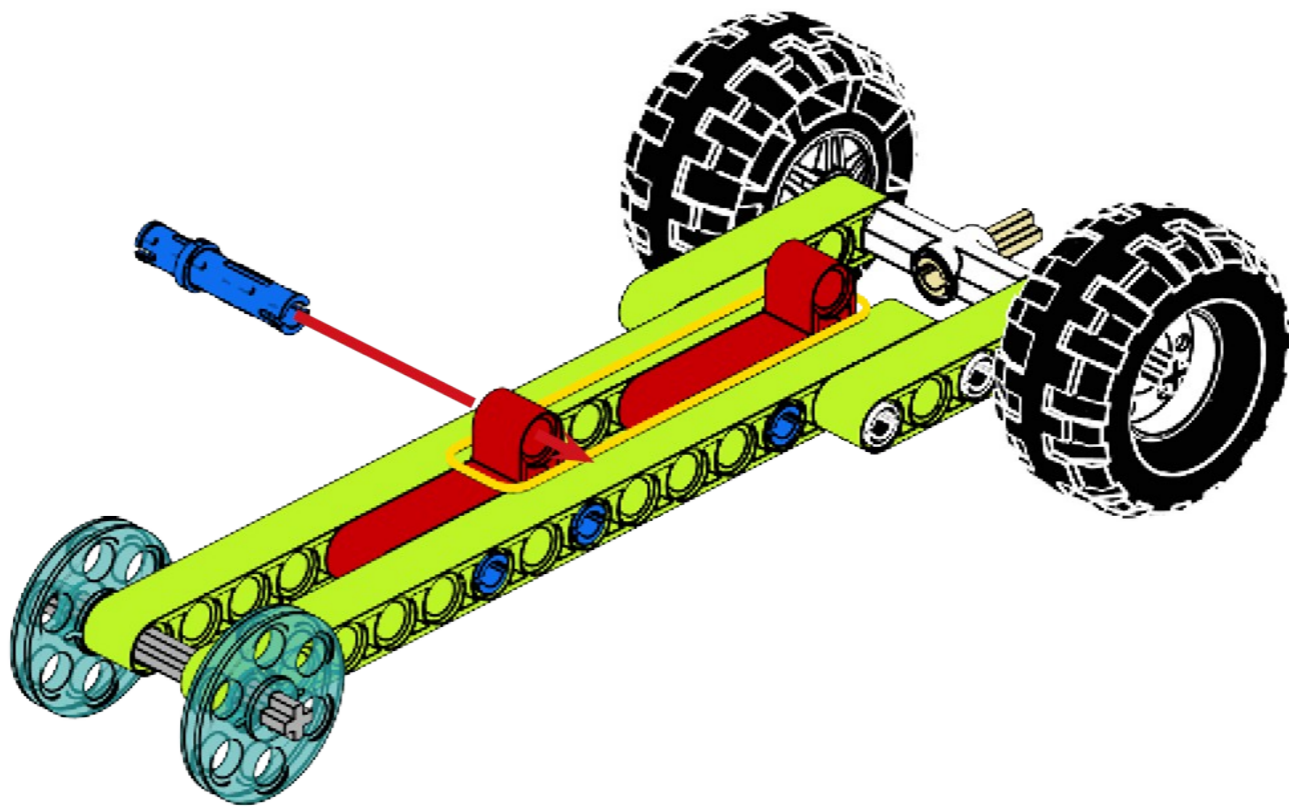




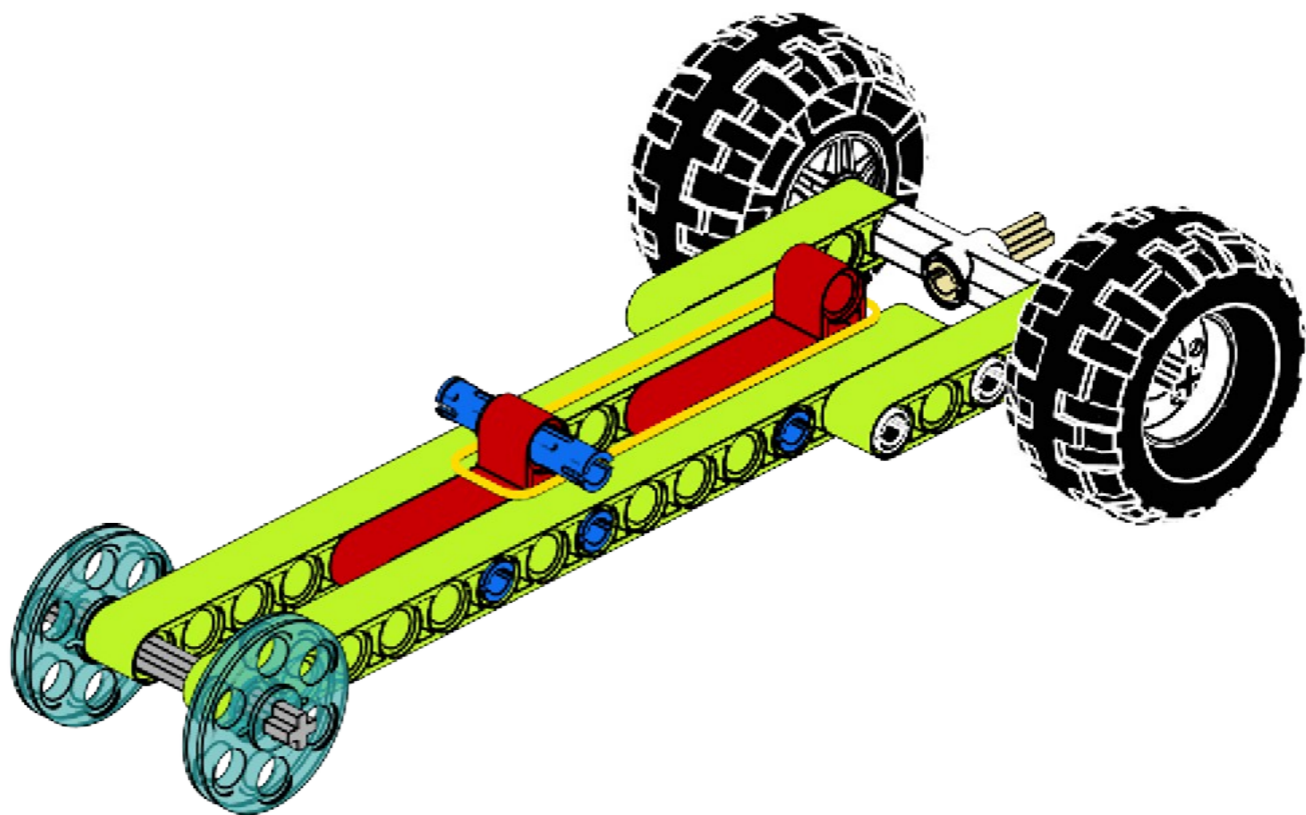


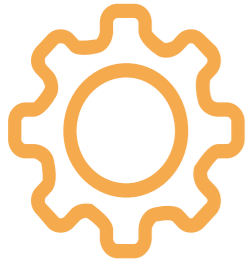


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# Review

Elastic Car

Knowledge Development

Use of elasticity

high jump,  
rocking car, spring

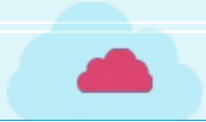
Basic Mechanics

What is force?

Elasticity

Energy conversion

Change of motion or  
deformation



**Talk**





**THANKS**

