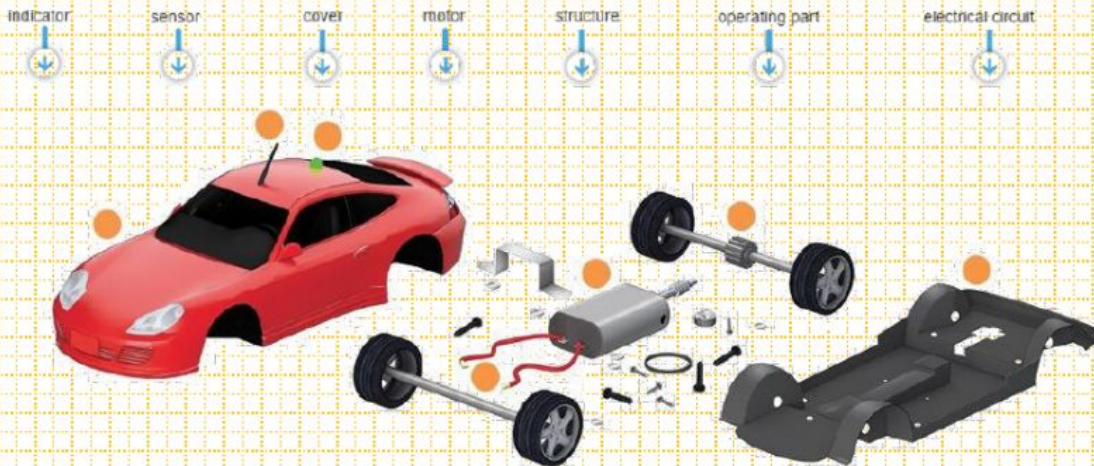


FORCES AND MACHINES



1. Match the components to the correct places in the picture.



2. Choose the correct answers.

1. Which operating parts make up the mechanism of a bicycle?

- ☐ A Springs, brakes and pedals.
- ☐ B Gears and chain.
- ☐ C Brakes, frame and wheels.

2. Which of these bicycle components is a mechanism?

- ☐ A The wheels.
- ☐ B The handlebar.
- ☐ C The transmission.



3. What do the gears do?

- ☐ A They help to produce movement inside the machine.
- ☐ B They help the brakes work.
- ☐ C They allow changes of direction.

3. Match the characteristics and functions to the operating parts.



They rotate in the same direction as the wheels they support.	→	wheels
They store energy.	→	axes
They transmit movement from one wheel to another wheel.	→	chains
These are wheels with teeth.	→	levers
These transmit force and can multiply or reduce it.	→	springs
They can be smooth or they can have teeth.	→	gears
They are used in some manual machines to start movement.	→	cranks

