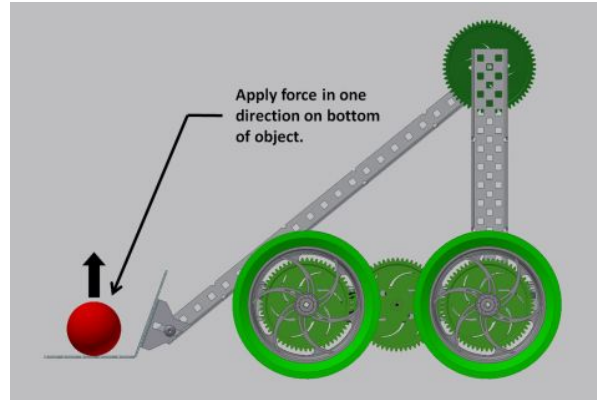


Unit 6 Object Manipulators

Vocabulary Words



Use the context clues to define the vocabulary words. Include a picture, synonym, and antonym for each word:

Definition

an implement consisting of a heavy blade at the end of a beam, used for pushing materials.

Picture

plow

Synonym

Antonym

Definition

Picture

components that provide the robot with the ability to interact with its environment. One example would be a gripper.

Synonym

Antonym

manipulators

Definition

shovel-like utensils that generally have a deep curved dish and a short handle.

Picture

scoops

Synonym

Antonym

Definition

Picture

the amount of force a
wheel can apply to a
surface before it slips.

traction

Synonym

Antonym

Definition

Picture

the force that
opposes motion
when two surfaces
rub together.

friction

Synonym

Antonym

Definition

Picture

a sharp, curved
protrusion at the end of a
structure that is used for
grasping.

Synonym

Antonym

claw

Definition

Picture

Material that can provide a frictional solid grip.

Synonym

Antonym

elasticity