



11-12 YEARS | WEEK 39

Science-PhysicsForce

1.Forces-Vocabulary

2.Unscramble-Force

3.Sorting- Force

4.Force-Crossword

5.Force-Word search

6.Simple machines- Bingo

7.Look around- Force

8.Attracts or Repels?

9.Secret of My Energy!

10.Do as directed

11.Physics - Types of force

12.Mechanical - Gears

13.Mechanical - Pulleys

14.Mechanical - Levers

15.Mechanical - A simple machine

16.Mechanical - Make your model

17.Physics - Sound

18.Physics - Transmission of light

19.Physics - Electrical circuits symbols

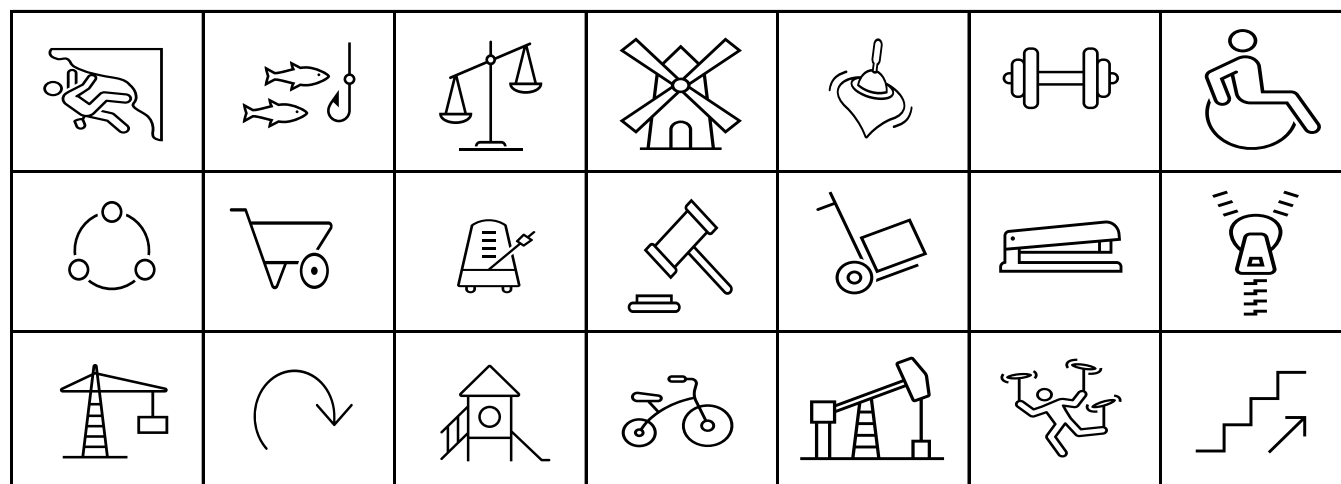
20.Physics - Speed and velocity



FORCES - VOCABULARY

For every action there is a force. Few actions use Centripetal & Centrifugal forces too. Cut and paste the picture in the right box.

	Centripetal Force	Centrifugal Force
LEVER		
PULLEY		
CIRCULAR MOTION		
BALANCED FORCE		
INCLINED PLANE		
SPINNING		





UNSCRAMBLE- FORCE

Unscramble the letters to find the names of terms related to force.

		SCRAMBLED WORDS	UNSCRAMBLED WORDS
1	A force which acts on an object to keep it moving along a circular path.	EELPCIANTR	
2	Passengers feeling _____ outward on a merry- go- round is an example of centrifugal force.	UESDPH	
3	_____ is the energy of a moving object in a circle trying to stay in a straight line.	TACNRGEFIUL	
4	A force where two forces of equal size act on a body.	AADEBLNC	
5	_____ is a type of force.	INLFIRTOAC EFRCO	
6	The door knob and rod make up which simple machine?	LHEWE DNA XLAE	
7	A mover can pull a cart with a heavy object up the ramp, it's an example of_____ .	CENLDINI AEPNL	
8	This simple machine can be used to help lift heavy objects with less force _____.	LYUELP	
9	Have you ever sat on a seesaw? Which simple machine does it use?	ERLEV	
10	A _____ is a device which can change the direction or the magnitude of a force.	MEIPLS HMECNAI	



SORTING - FORCE

Learn about force in objects. Tick all that apply. One has been completed for you.

	CENTRIPETAL	PULL	CENTRIFUGAL	FRICTION
ROLLER COASTER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SKATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CART	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FERRY WHEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MUD FLYING OFF A TIRE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CAR STEERING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LIGHTING A MATCHSTICK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SWIMMING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Access 12,000+ expert-designed worksheets

Subscribe Now!

[Explore all Science worksheets](#)