



6TH GRADE SCIENCE

Discover · Explore · Practice · Create

1

I CAN apply Newton's Third Law of motion to explain the collision of two objects.

9

I CAN describe how a wave's amplitude is related to its energy.

2

I CAN determine how an object's motion is dependent on the number of forces acting upon it.

10

I CAN describe how waves are reflected or refracted through various materials.

3

I CAN define how electric and magnetic forces exert force onto an object.

11

I CAN identify waves and analyze them on the electromagnetic spectrum.

4

I CAN define how gravity exerts force onto an object.

12

I CAN determine how air masses cause weather and use that information to make an informed prediction about the weather.

5

I CAN define kinetic energy and potential energy and give examples of both.

13

I CAN develop a model to show how patterns vary by oceans to determine climates.

6

I CAN explain how energy is transferred between objects.

14

I CAN construct informed predictions, using technology, about future severe weather events and their effects.

7

I CAN describe whether energy is transferred through physical or chemical changes.

15

I CAN analyze data to monitor and minimize human impacts on the environment.

8

I CAN explain why changes in temperature occur.