

Lesson #89

Force

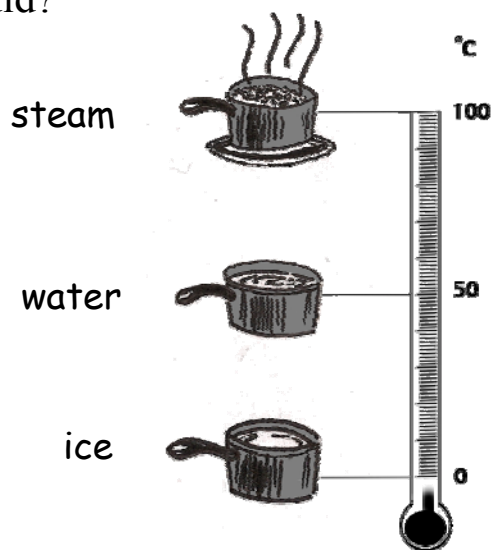
Any kind of push or pull is a **force**. A push moves an object away from you and a pull moves an object toward you. When you push a broom you are using a pushing force. When you open a drawer, you are using a pulling force. Any change in motion needs force. You use force to slow down, to speed up or to stop. You also use force to change direction. An object will keep moving until another force stops it. For example, when you catch a moving Frisbee, the force from your hand stops it. One type of force that stops things or slows them down is **friction**. There is more friction between rough surfaces than between smooth or slippery ones. Without friction your feet would slip when you tried to walk.



1. A force is a _____ or a _____.
2. Write **T** if the statement is true or **F** if it is false.
_____ A force that stops or slows things down is called friction.
3. Helium is an example of a _____.
solid liquid gas
4. Omnivores eat _____ and _____.

5. Look at the thermometer. At what temperature does solid ice change to a liquid?

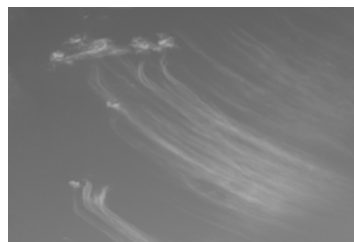
_____ °C



6. At what temperature does the liquid water change to water vapor?

_____ °C

7. Which type of cloud is shown?



8. The path of food from one living thing to another is called the _____.

predator

metamorphosis

food chain

9. What can happen when an area gets too much rain?

a tornado

a drought

a flood

10. Might an herbivore eat a radish? _____