



Nicole School of English  
2020-2021 2<sup>nd</sup> Semester Evaluation  
E2A - Science

**I. Matching type (20 points).**

- |                         |   |  |
|-------------------------|---|--|
| 1. Force                | ● | ● It is a force that pulls objects.                          |
| 2. Speed                | ● | ● It is how far something moves in a certain amount of time. |
| 3. Position             | ● | ● It is a force that slows down moving things.               |
| 4. Friction             | ● | ● It is a force that pulls things toward Earth.              |
| 5. Gravity              | ● | ● It is how high or low a sound is.                          |
| 6. Sound                | ● | ● It is a push or pull.                                      |
| 7. Attract              | ● | ● It is the place where something is.                        |
| 8. Pitch                | ● | ● It is a kind of energy that moves along a path.            |
| 9. Light                | ● | ● It is a kind of energy you hear.                           |
| 10. Current electricity | ● | ● It is a kind of energy that lets us see things.            |

**II. Multiple choice: complete the following sentences by choosing the right answer (20 points).**

- Two of the same poles placed together will \_\_\_\_\_.
  - repel
  - attract
  - connect
  - disconnect.
- A \_\_\_\_\_ is a simple machine that helps us move things to a higher place.

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- a. simple machine
- c. lever
- b. ramp
- d. seesaw
3. \_\_\_\_\_ surfaces usually cause more friction than smooth ones.
  - a. Soft
  - c. Rough
  - b. Hard
  - d. Smooth
4. A \_\_\_\_\_ is a simple machine with a rope that moves around a Wheel.
  - a. rope
  - c. water
  - b. pail
  - d. Pulley
5. A \_\_\_\_\_ sound has less energy than a loud sound.
  - a. big
  - c. hard
  - b. small
  - d. soft
6. \_\_\_\_\_ is a kind of energy made by tiny bits of matter.
  - a. Static electricity
  - c. Strong electricity
  - b. Current electricity
  - d. Mild electricity
7. \_\_\_\_\_ is a mix of all colors.
  - a. Darkness
  - c. Sun
  - b. Light
  - d. Pink
8. Each magnet has a north pole and a \_\_\_\_\_ pole.
  - a. west
  - c. south
  - b. east
  - d. down
9. The pull of a magnet gets \_\_\_\_\_ as it gets farther from an Object.
  - a. stronger
  - b. weaker

c. bigger

d. smaller

10. A \_\_\_\_\_ is a push.

a. dance

c. fall

b. jump

d. kick

**III. True or False: write T for true or F for false (20 points)**

1. \_\_\_\_\_ Motion is a change in the position of an object.
2. \_\_\_\_\_ A snail's speed is fast.
3. \_\_\_\_\_ Magnet attracts crayon.
4. \_\_\_\_\_ The roar of a lion is a loud sound.
5. \_\_\_\_\_ Raindrops can bend light into a rainbow.
6. \_\_\_\_\_ Electricity can not move if the circuit is not connected.
7. \_\_\_\_\_ A pulley can help lift an object.
8. \_\_\_\_\_ When the handle is pushed down, the nail will be pulled down.
9. \_\_\_\_\_ Forces can make things speed up and slow down.
10. \_\_\_\_\_ The amount of force that pulls something down toward Earth is called its weight.

**IV. Enumeration: Choose the correct answers from the box (20 points)**

Jumping	Crayon	North pole	Lock	Screw
Eraser	Dancing	Walking	Running	South pole

1. What are the two poles of a magnet?

a. \_\_\_\_\_.

b. \_\_\_\_\_.

2. What are things that magnet attracts?

a. \_\_\_\_\_.

b. \_\_\_\_\_.

3. What are things that magnet does not attract?

a. \_\_\_\_\_.

b. \_\_\_\_\_.

4. What are examples of motion?

a. \_\_\_\_\_.

b. \_\_\_\_\_.

c. \_\_\_\_\_.

d. \_\_\_\_\_.

**V. Fill in the table: give 2 examples for each topic (20 points).**

What moves slowly?	What moves fast?	A force of action?	What creates sound?	An object lets light pass through?