**SUMMATIVE TEST NO. 2**

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| --- | --- | --- | --- | --- |
| **Objectives** | **CODE** | **Percentage** | **No. of Items** | **Item Placement** |
| describe energy and its types: potential or kinetic | (**S6FE-IIId-f-2**); | **33.33%** | **5** | **1-5** |
| 1. identify characteristics and uses of pulley  2. describe the characteristics and uses of pulley  3. value the importance of each characteristics and uses of pulley | **S6FE-IIId-f-2** | **63.33%** | **10** | **6-15** |
| **Total** |  | **100** | **15** | **1 – 15** |

**GRADE VI – SCIENCE**

**Guro Ako**

**SUMMATIVE TEST NO.2**

**GRADE VI – SCIENCE**

Name :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Grade and Section:\_\_\_\_\_\_\_\_\_

I. Choose the letter of the correct answer. Write your answers on a separate sheet.

\_\_\_\_\_1. When an object is at rest or not moving, the energy it possess is\_\_\_\_\_\_\_\_.

A. Chemical energy C. Potential energy

B. Kinetic energy D. Thermal energy

\_\_\_\_\_2. A rolling ball possesses \_\_\_\_\_\_.

A. Chemical energy C. Potential energy

B. Kinetic energy D. Thermal energy

\_\_\_\_\_3. Chemical energy is important because\_\_\_\_\_\_

A. Because it can make our work easier.

B. Because it can make our life complicated.

C. Because it can sustain life.

D. All of the choices.

\_\_\_\_\_4. The following are uses of mechanical energy except\_\_\_\_\_.

A. It can make our work easier.

B. It generates electricity.

C. It is use to locate exact locations.

D. It makes our work faster.

\_\_\_\_\_5. Which of the following is a source of chemical energy?

A. Pencil B. Chalk C. Bicycle D. Firewood

II. A. Read and analyse each item carefully. Choose the letter that corresponds to your answer.

\_\_\_\_\_6. Which is not a type of simple machine?

A. Spring B. Screw C. Pulley D. Wedge

\_\_\_\_\_7. What type of simple machine is found on the floor of a bathtub?

A. Screw B. Inclined plane C. Wedge D. Pulley

\_\_\_\_\_8. Which of these is an example of a wedge?

A. Skateboard B. Broom C. Stairs D. Butter Knife

\_\_\_\_\_9. Which is an example of someone using a simple machine to do work?

A. A boy runs across a football field

B. A banker counts money

C. A mother pushes a stroller up a ramp into a building

D. A girl eats a sandwich

\_\_\_\_\_10. Jan is using a screwdriver to insert a screw. The screwdriver is being used as

A. A pulley B. A screw C. A lever D. A wheel and axle

B. Read and analyze the sentences below. Choose your answer from the word choices in the box.

**Pulleys Fans**

**Engines**

**Clotheslines Cranes**

11. \_\_\_\_\_\_\_\_\_\_\_can use pulley systems in order to make it easier to pull clothes towards the user.

12. \_\_\_\_\_\_\_\_\_\_\_can be used to place bird-feeders high in trees or on poles, and then to pull them down when they need to be refilled or removed.

13. \_\_\_\_\_\_\_\_\_\_\_is a type of pulley that is used in construction.

14. \_\_\_\_\_\_\_\_\_\_\_utilize a pulley system in order to work.

15. \_\_\_\_\_\_\_\_\_\_\_with chains are utilizing a pulley system in order to be turned on.

***SUMMATIVE TEST 1 ANSWER KEY:***

6. A

7. B

8. D

9. C

10. D

11. **Clotheslines**

12. **Pulleys**

13. **Cranes**

14. **Engines**

15. **Fans**

1. C

2. B

3. C

4. C

5. D