

Name: Date:

THEME 2 – ENERGY AND FORCES.

Answer the following questions in the spaces provided.

Unit 4 : Sound Energy.

1. How does a guitar produce sound?

- A. A guitar produces sound when air vibrates inside the guitar.
- B. A guitar produces sound when the body of the guitar vibrates.
- C. A guitar produces sound when the guitar's pluck vibrates.
- D. A guitar produces sound when the strings vibrate.

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2. Sound energy can travel through _____

- A. solid and liquid only.
- B. solid and gases only.
- C. solid, liquid and gases.
- D. liquid and gases only.

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3. Siti was in the kitchen, she heard a knock on the front door. What can you tell on how the sound travels from the knocking to her ears?

- A. Sound travels through solid (door) and gas (air)
- B. Sound travels through solid (door) and liquid (water)
- C. Sound travels through gas (air) and liquid (water)
- D. Sound travels through solid, liquid and gas

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4. Which of the following statements is **true** about sound?

- A. A soft sound that does not produce any energy.
- B. A soft sound has the same energy as a loud sound.
- C. A soft sound has more energy than a loud sound.
- D. A loud sound has more energy than a soft sound.

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5. Which of these musical instruments produced sound by blowing?

- A. Drum
- B. Piano
- C. Guitar
- D. Harmonica

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Marks: _____ / 5

Parents' / Guardian's signature : _____

Parents' / Guardian's feedbacks:
