

Science QUIK PIKS

LEVEL

E

BOOK

1

**NEXT
GENERATION**
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Nature of Science

Earth Science

Physical Science

Life Science



Student's Name: _____ Date: _____

Teacher's Name: _____ School Name: _____



LEVEL E: QUIK-PIK #10

NAME _____

DATE _____

1. Mike wanted to find out which battery lasted the longest in his toy car. He tried each battery in his car and recorded the amount of time he spent playing with his car before the battery died. Then, he reviewed his results and showed them to his parents. Identify and describe the four steps of the scientific method that Mike used.

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2. Which of the following is **not** true of the planets?

- (A) Planets orbit the Sun in our solar system.
- (B) Planets have different sizes.
- (C) Planets have the same characteristics.
- (D) Planets have different compositions.

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3. Lucy's class made a model of a volcano. What type of change occurred when the baking soda and vinegar bubbled?

- (A) electrical
- (B) physical
- (C) chemical
- (D) mechanical

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4. Both whales and fish can be found in the ocean. Before whales lived in the ocean their distant relatives were land mammals that breathed using their lungs.



Which of the following body parts is an adaptation that whales have acquired to allow them to breathe oxygen while living in the ocean?

- (A) fins
- (B) mouth
- (C) nose
- (D) blowhole



LEVEL E: QUIK-PIK #20

NAME _____

DATE _____

1. Give an example, with an explanation, of an invention that has impacted society greatly.

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2. The Earth is tilted 23.5° on its rotational axis. Describe what effects this has on the surface of the Earth.



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3. Karen began playing the piano for her friends. What type of energy does a piano emit?

(A) sound energy

(C) thermal energy

(B) chemical energy

(D) nuclear energy

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4. Squirrels and birds share the same habitats. What characteristics make these animals similar? What characteristics make them different? Explain.



LEVEL E: QUIK-PIK #21

NAME _____

DATE _____

1. An experiment exploring the change of state of matter would require all of the following except:

- Ⓐ detailed record keeping
- Ⓑ stopwatch
- Ⓒ simple machine
- Ⓓ accurate measurement tools

2. Which of the following is **NOT** true?

- Ⓐ The sun is considered a medium-sized star.
- Ⓑ The sun is considered a very large-sized star.
- Ⓒ There are many stars that are far away.
- Ⓓ All stars are spread throughout the universe.

3. What type of energy is considered as energy of motion?

- Ⓐ chemical energy Ⓒ kinetic energy
- Ⓑ heat energy Ⓓ potential energy

4. Polar bears have a thick layer of fur covering their bodies. They are also carnivores and require a large source of food to survive. Camels have a thin layer of fur and can store water for long periods of time. They are herbivores and do not require large amounts of food to survive. If both of these animals were introduced to the Sahara Desert, which one would have a better chance of survival? Explain why.