

suggested schedule but can be completed at own pace until 9/15, 11:59pm

Monday



- Complete pg. 1 in HW Packet

Tuesday

- Complete pg. 2

Wednesday

- Complete pg. 3

Thursday

- IXL: V.1
Collect and graph temperature data (6Z6)

**NO HOMEWORK FRIDAY!!
ENJOY YOUR WEEKEND :)**

Reminders

- IXL should be rostered before Thursday
- Homework must be handwritten
- HW Packet due 8/24 at 11:59 pm

Nature of Science Unit Vocabulary

Vocabulary Drill

DIRECTIONS: Identify the statement which best depicts the key vocabulary word.

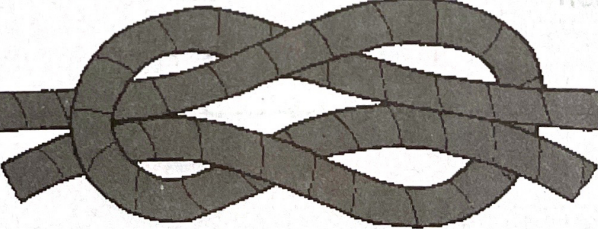
- _____ 1. The hypothesis can be accepted because the electromagnet with the longer copper wire had greater strength
- _____ 2. The electromagnet with 60 cm of wire picked up six more paper clips on average as compared to using 30 cm of wire
- _____ 3. One D-cell battery and one battery holder
- _____ 4. Attach one end of the wire to the negative pole of the battery
- _____ 5. If a longer copper wire is used, then the electromagnet will have greater strength
- _____ 6. Does the length of a copper wire affect the strength of an electromagnet?

KEY VOCABULARY

- A. Problem
- B. Hypothesis
- C. Conclusion
- D. Results
- E. Procedure
- F. Materials

Writing to Tie It Together

Explain why the scientific method is an important part of all scientific investigations.



PRACTICE QUESTIONS

SC.5.N.1.1

- 1 Scientists throughout the world follow a standard used to guide scientific investigations from beginning to end. What scientific term is used to describe this universal scientific practice?
- A conclusion
 - B metric system
 - C materials list
 - D scientific method
- 2 Michelle's science lab teacher instructed her to follow these procedures:
- Step 1: Collect three different types of bean seeds.
- Step 2: Place three of each type of bean seed in three different potting soils.
- Step 3: Provide them each with the same amount of sunlight and water.
- Step 4: Record observations.
- Which of the following statements is Michelle **most likely** testing?
- A the effect of potting soil on the germination of bean seeds
 - B the effect of sunlight on the growth rate of bean seeds
 - C the variant amount of water on the growth of bean seeds
 - D the growth rate of different types of bean seed
- 3 Clyde notices that a television commercial he watches regularly advertises a **laundry** detergent for its ability to make white clothes brighter than when using any **other** detergent. How can Clyde determine if the laundry detergent being advertised is capable of making whites brighter?
- A Clyde needs to know that all information advertised on television commercials are true.
 - B There is no need for Clyde to test this claim because all brands of detergents clean the same.
 - C Clyde can compare different brands of detergents with the one advertised to see which one cleans whites best.
 - D Clyde can compare different pieces of white clothing after **washing** them with the advertised detergent.

PRACTICE QUESTIONS

SC.5.N.1.1

- 4 Ming Lee set up her experiment and begin to list everything she did step by step. By the time Ming Lee finished her list, she had recorded 21 steps altogether.

Step 1: Label three 6-ounce cups A, B, and C.

Step 2: Fill each 6-ounce cup with baking soda.

Step 3: Half-fill a 16-ounce cup with vinegar.

Step 4: Use modeling clay to mold a volcano look-alike around a 16-ounce cup.

What is another name used to describe the list that Ming Lee made?

- A Data Log
- B Results
- C Materials
- D Procedures

- 5 As Mollie prepared to place all of her written parts on her science board, she noticed that one part was not labeled. Mollie could not use her science fair packet to determine which part of the experiment it belonged to because she had left it in her desk at school. Mollie then decides to call a classmate from school and read her the unlabeled part to see if she could help.

Unlabeled part to a science project:

"Brand A diapers absorbed 10 milliliters more water than Brand B and 16 milliliters more water than Brand C diapers. It was interesting to see how Brand C diapers began to come apart after only a few minutes of soaking in the water."

What should Mollie's classmate tell her about the unlabeled part?

- A The unlabeled part must be the conclusion.
- B The unlabeled part is the results from the experiment.
- C The unlabeled part has to be a part of the materials.
- D The unlabeled part is the hypothesis.