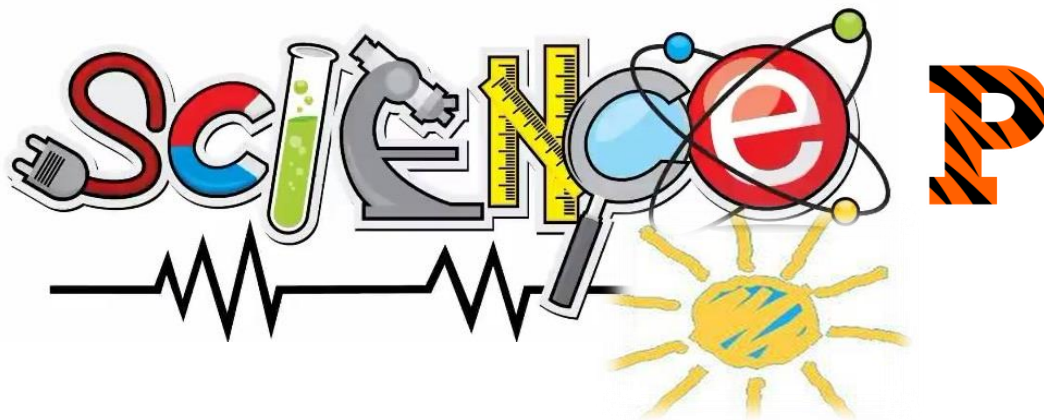




Name _____

3rd Grade Science Remote Learning Packet

Week 12



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

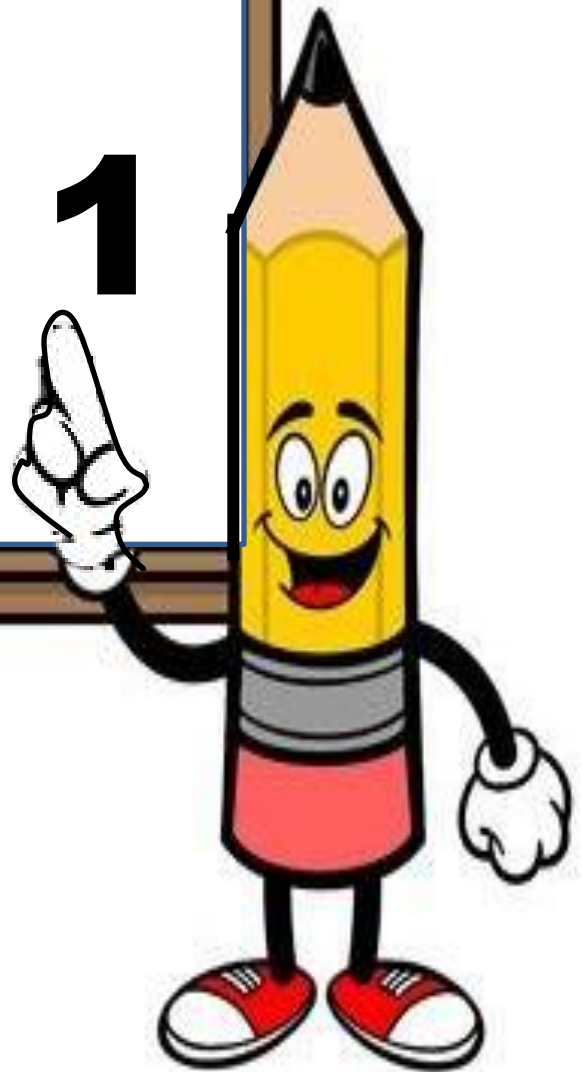
(Parent Signature)

(Date)

Parents please note that all academic are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

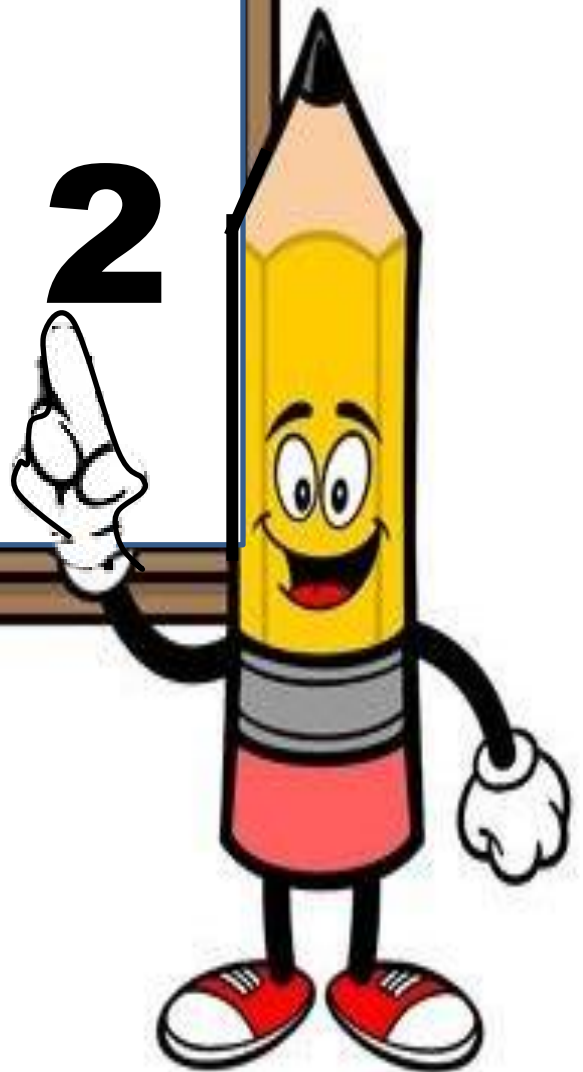


Day # 1





Day # 2



Name: _____ Week 12 Day 2 Date: _____

BCCS-B

Harvard

Yale

Princeton

End of Mystery Assessment

Directions: **Please read the question carefully before answering. Answer each question with complete sentences.**

1. For each example, circle the property or properties of magnets being used. (There may be examples where more than one property is being used.)

Attracting: Magnets attract other magnets and some metals.

Repelling: Magnets repel other magnets.

Working at a distance: Magnets don't have to be touching to push and pull each other.

| <u>Example</u> | <u>Which property(ies) of magnets is being used?</u> | | |
|--|--|-----------|-----------------------|
| a. Holding things on the refrigerator with magnets | Attracting | Repelling | Working at a distance |
| b. Cow magnets picking up metal in a cow's stomach | Attracting | Repelling | Working at a distance |
| c. Magnetic train ("MagLev" train) using magnets instead of wheels | Attracting | Repelling | Working at a distance |
| d. Magnetic clasp on a purse or bag | Attracting | Repelling | Working at a distance |
| e. "Magic" trick: moving a magnet with a magnet under the table | Attracting | Repelling | Working at a distance |
| f. Picking up cars & other metal pieces at the junkyard | Attracting | Repelling | Working at a distance |

Bonus: On the back of this page, come up with your own example. Give the property of magnets it uses.

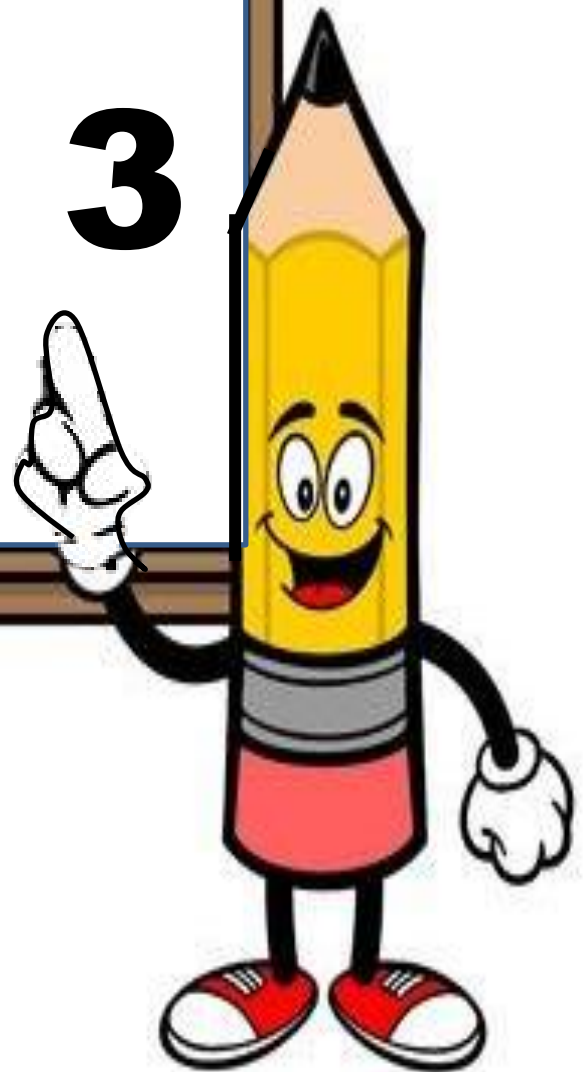
2. Reflect on your magnetic lock design:

A. What problem were you trying to solve?

B. Draw and label your lock design.



Day # 3



EXIT TICKET: Complete with a partner or alone. Write the letter of the definition that matches the vocabulary word on the blank line.

_____ 1. Property

_____ 2. magnet

_____ 3. repel

_____ 4. force

_____ 5. Attraction

a) A natural power or effect that is able to change the speed or direction of something

b) a force that pulls something toward something else

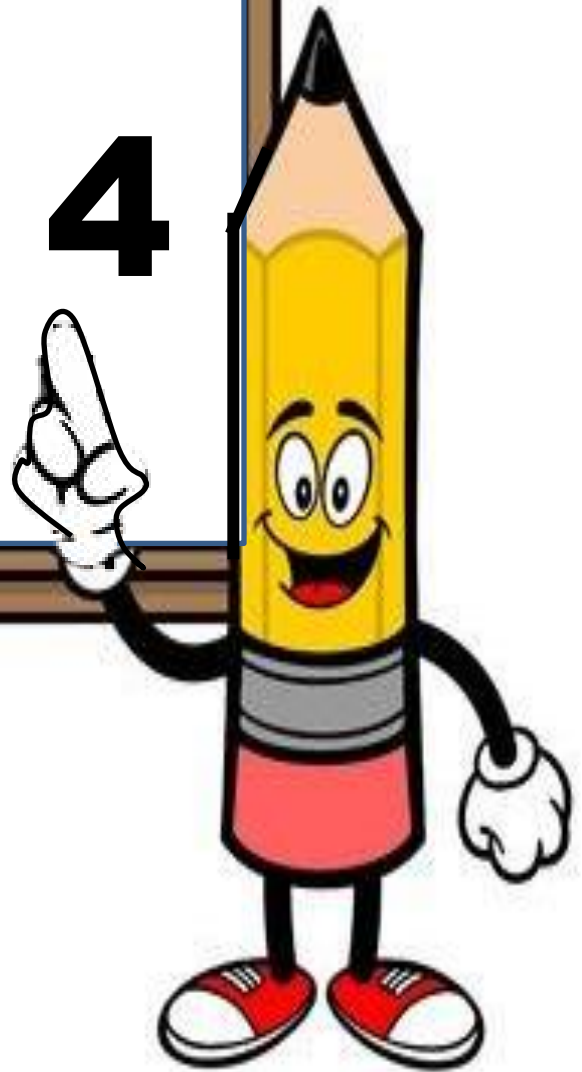
c) a piece of material (such as iron or steel) that is able to attract certain metals

d) a special quality or characteristic of something

e) to force something to move away or apart



Day # 4



Name: _____ Week 12 Day 4 Date: _____

BCCS-B

Harvard

Yale

Princeton

Invisible Forces Unit Assessment

Multiple Choice

1. Magnets attract _____.
 - a. objects that contain iron.
 - b. only other magnets.
 - c. anything made of metal.
 - d. things that are not too heavy.

2. The space around a magnet where the force of the magnet acts is called?
 - a. Electric motor
 - b. Magnetic poles
 - c. Magnetic fields
 - d. Magnetic

3. The pole of a magnet that points north
 - a. Magnetic poles
 - b. North-seeking poles
 - c. South-seeking poles
 - d. Magnetic south or north pole

True or False

4. A property is a special quality or characteristic of something.
 - a. True
 - b. False

5. The Northern and Southern Lights are caused by the moon's burst of energy.
 - a. True
 - b. False

Short Response

1. Reflect on the properties of magnetism:

A. Explain what it means for a magnet to attract.

B. Explain what it means for a magnet to repel.

C. Choose one property of magnets:

attracting

repelling

working at a distance

What is one way this property is useful? Explain your answer.
