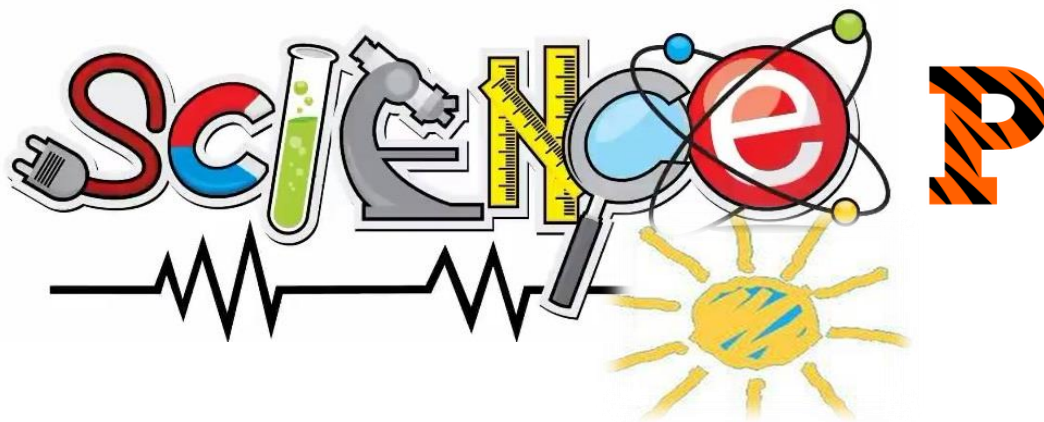


Name _____

3rd Grade Science Remote Learning Packet

Week 10



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.

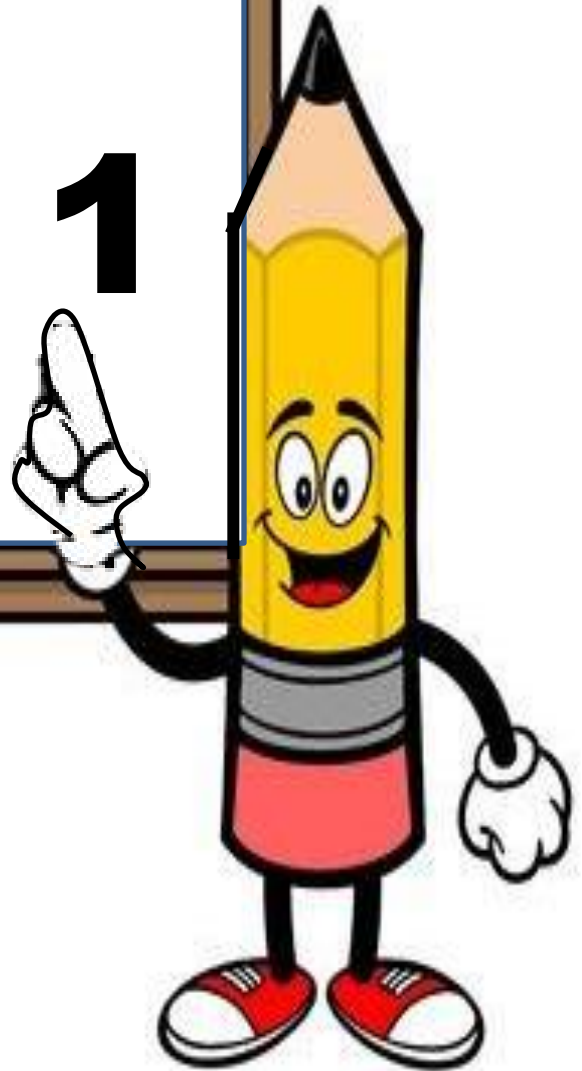
(Parent Signature)

(Date)

Parents please note that all academic packets 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



Name: _____ Week 10 Day 1 Date: _____
BCCS-B Harvard Yale Princeton

Guided Notes: How can you unlock a door using a magnet?

The Question: Answer the question in a complete sentence. What do you think, how can you unlock a door using a magnet?

Vocabulary: Fill in the blank with the missing word. The word is red on the PowerPoint presentation.

1. **Property:** a special _____ or _____ of something
2. **Attraction:** a _____ that _____ something _____ something else
3. **Repel:** to _____ something to _____ or _____

Video: During the video, meet the expectation of all sounds off, tracking the screen, and actively listening. When it says NOTES, please keep notes that will help you answer the question, what can magnets do. When it says DISCUSS, first take a moment to think about your answer; then, write it down. I will ask for hands when I am ready for you to answer the question aloud as a group.

Exploration 1: Notes- _____

Exploration 2: Discuss- Can you think of any other properties of magnets that might be useful?

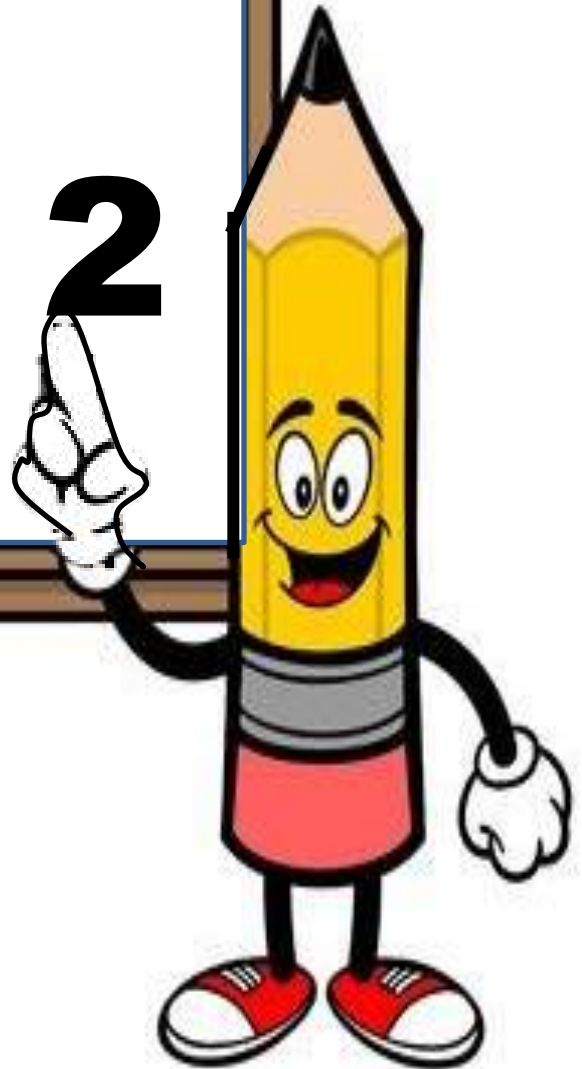
Exploration 4: Discuss- What property of magnets makes them useful for making trains hover?

Exploration 5: Notes- _____

EXIT TICKET: How could we use this property of magnets (pushing and pulling at a distance) to create something useful? Do you have any ideas? _____



Day # 2



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.

