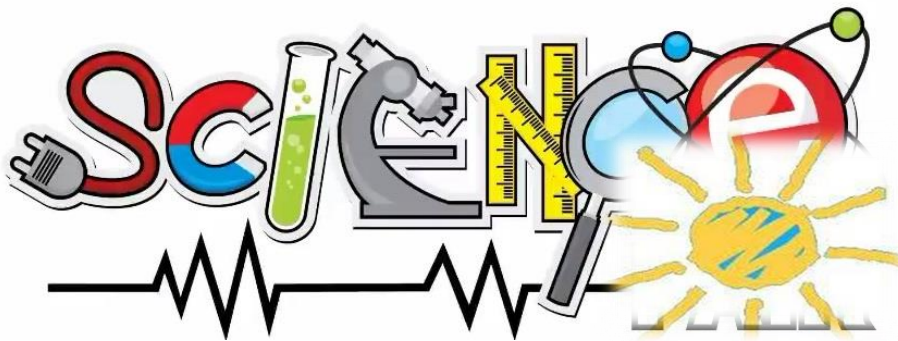




Name _____

4th Grade Science Remote Learning Packet

Week 14



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.

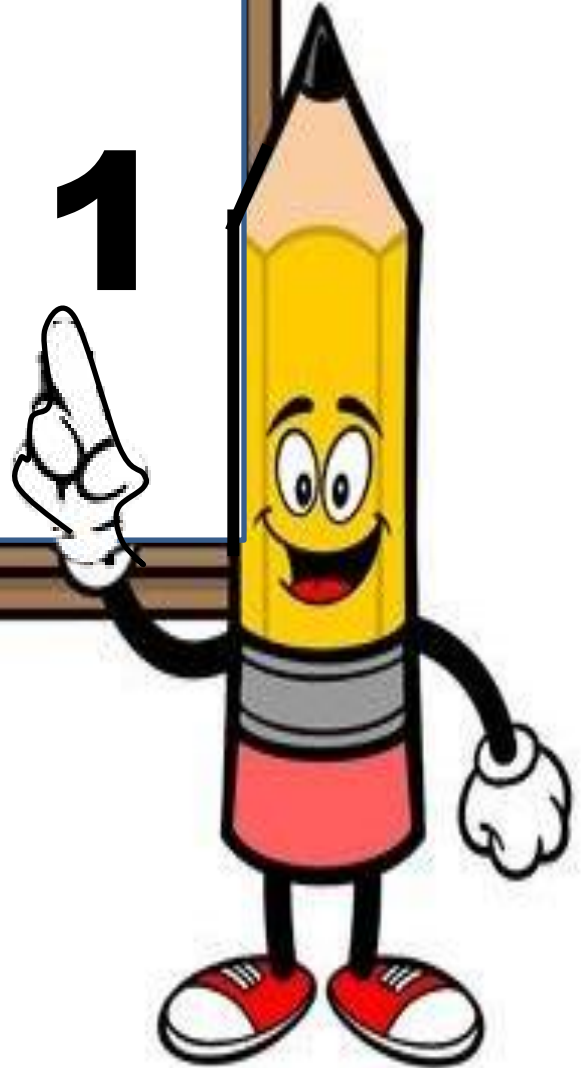
(Parent Signature)

(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 14 Day 1 Date: _____

BCCS-B

Howard

Morehouse

Hampton

Guided Notes: How far can a whisper travel?

The Question: *Answer the question in a complete sentence.*

How far can a whisper travel? _____

Day 1:

Vocabulary: *Fill in the blanks with the colored word from the PowerPoint presentation.*

1. **Echo:** a _____ that is a _____ of _____ sound and that is produced when sound waves bounce off a surface
2. **Sound:** _____ that is _____
3. **Vibration:** a fast _____ and _____ of something

Video: *During the video, take notes. When asked to discuss, first think about your response and then write it down. When asked to discuss, either raise a silent scholar hand to respond whole-group or discuss with your partner, taking turns.*

Exploration 1: Notes- _____

Exploration 2: Discuss- Put your hand over your throat and make some sound. What do you notice?

Exploration 3: Notes- _____

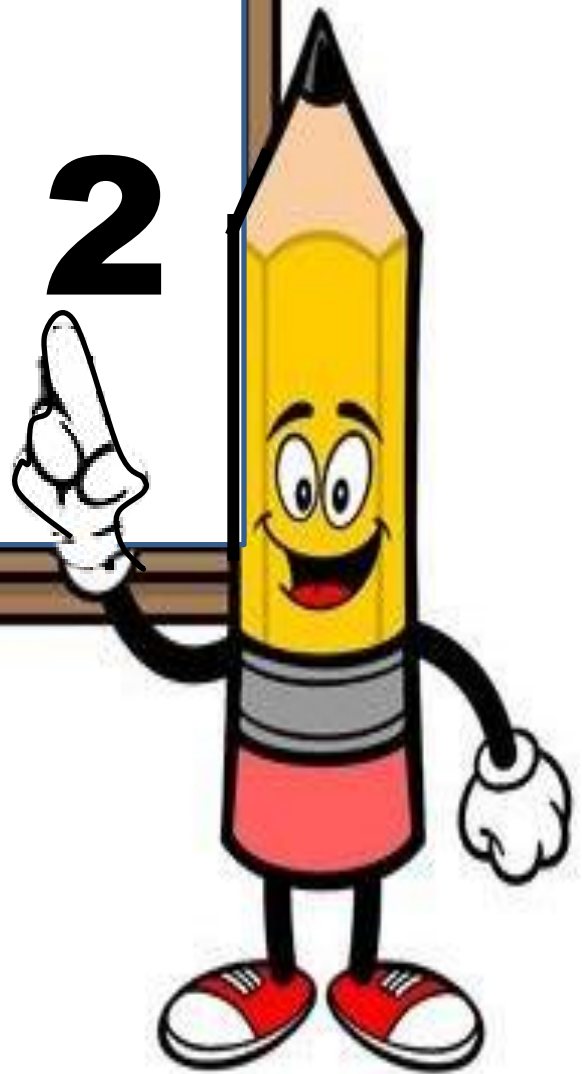
Exploration 4: *Discuss*-What kind of experiments could we do to figure out more about what sound is?

Activity: *Ensure that you are following all directions. Unless you are asked to discuss, there should be no talking. Your job is following directions and observing. You will have a chance to discuss later.*

EXIT TICKET: In the 4 different experiments that you just completed, what did you notice or feel in each experiment that was the same? What did you notice that was different? _____



Day # 2



Name: _____ Week 14 Day 2 Date: _____

BCCS-B

Howard

Morehouse

Hampton

Guided Notes: How far can a whisper travel?

Day 2:

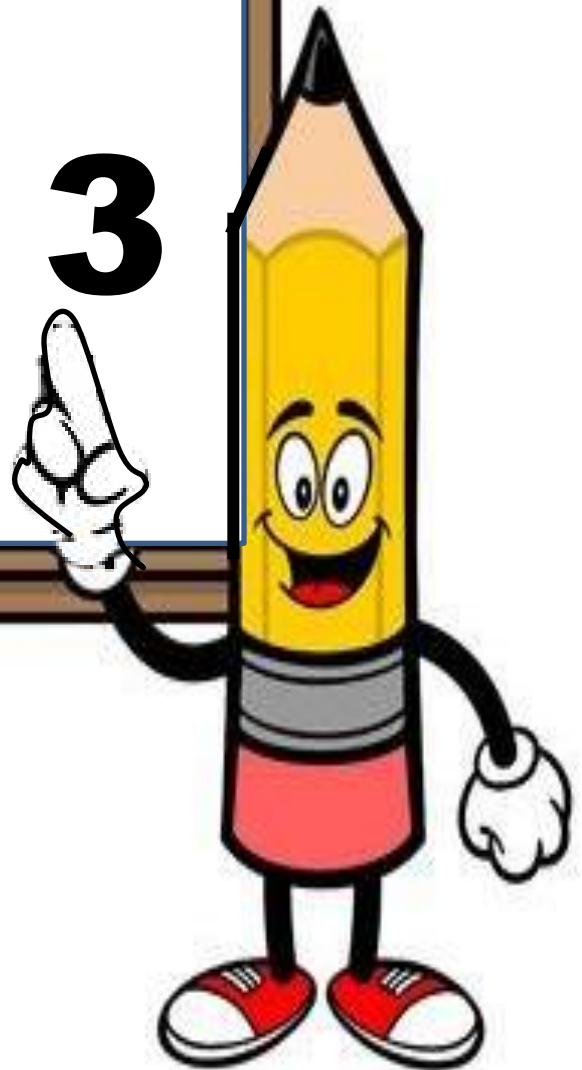
Activity: *Ensure that you are following all directions. Unless you are asked to discuss, there should be no talking. Your job is following directions and observing. You will have a chance to discuss later. We are going to finish our Paper Cup Telephone experiment today.*

EXIT TICKET: Imagine that you could use anything or be anywhere to do these experiments.

What else would you want to try? _____



Day # 3



Name: _____ Week 14 Day 3 Date: _____

BCCS-B

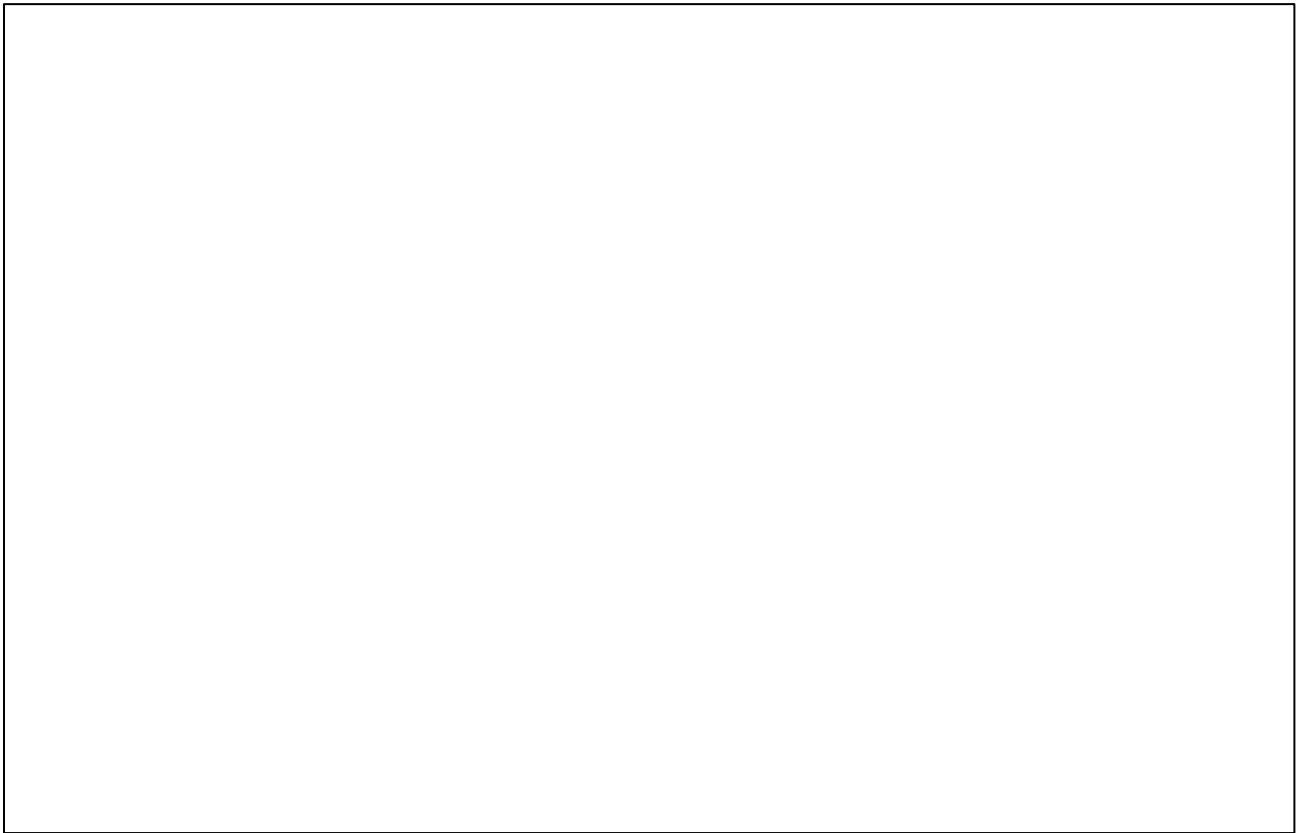
Howard

Morehouse

Hampton

End of mystery assessment

1. When you talk into your paper cup telephone, the person on the other end can feel the bottom of their telephone vibrate. **Why do you think this happens? Show your idea by drawing and using words:**

A large empty rectangular box with a black border, intended for the student to draw and write their explanation for why the bottom of a paper cup telephone vibrates when someone talks into it.

2. How could you find out if sound vibrations travel through other materials?

3. Think about all the sounds and noises around you each day. Besides human voices, what are some other examples of things that create sound vibrations? Make a list below:

- _____
- _____
- _____
- _____
- _____