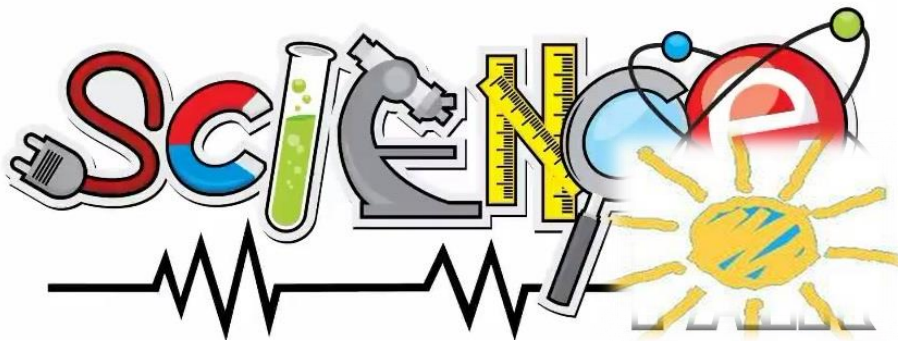




Name \_\_\_\_\_

# 4<sup>th</sup> Grade Science Remote Learning Packet

## Week 17



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.

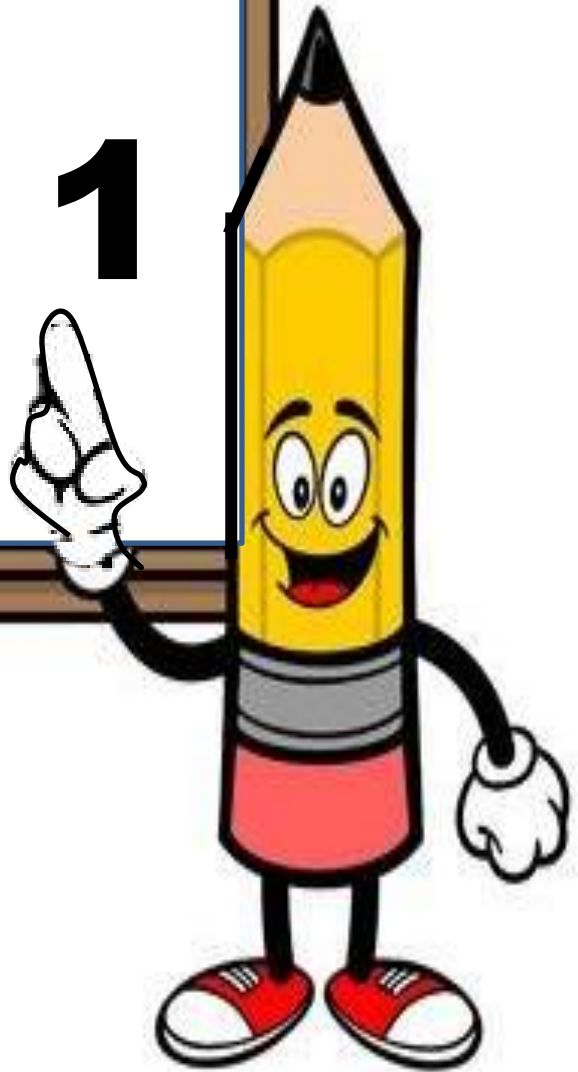
\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

Parents please note that all academic packets are also available on our website at [www.brighterchoice.org](http://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 17 Day 1 Date: \_\_\_\_\_

BCCS-B

Howard

Morehouse

Hampton

### Guided Notes: What would happen if you screamed in outer space?

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

What would happen if you screamed in outer space? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Day 1:**

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

1. **Sound:** \_\_\_\_\_ that we can hear
2. **Vibration:** to \_\_\_\_\_ very fast
3. **Eardrum:** a thin, tightly stretched piece of \_\_\_\_\_ in the \_\_\_\_\_ that \_\_\_\_\_ when sound waves hit it

**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-**How could you find out if there are vibrations in the air when we talk to each other? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**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.

Take any notes here: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

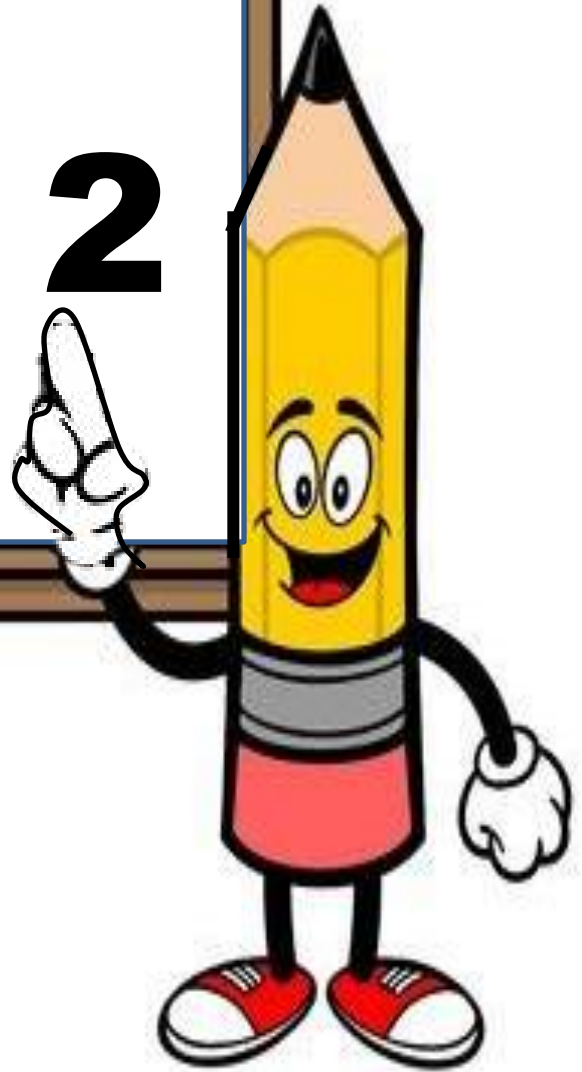
**Exploration 3: Notes-** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**EXIT TICKET:** You saw a glimpse of the activity we are going to start our class with tomorrow. How do you think a speaker piece of paper to a windshield with air blobs between is going to demonstrate sound vibrations in the air?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Day # 2



Name: \_\_\_\_\_ Week 17 Day 2 Date: \_\_\_\_\_

BCCS-B

Howard

Morehouse

Hampton

## Guided Notes: What would happen if you screamed in outer space?

### Day 2:

**Vocabulary:** Match the vocabulary word with its definition from the slide given. Write your answers in the spaces provided.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

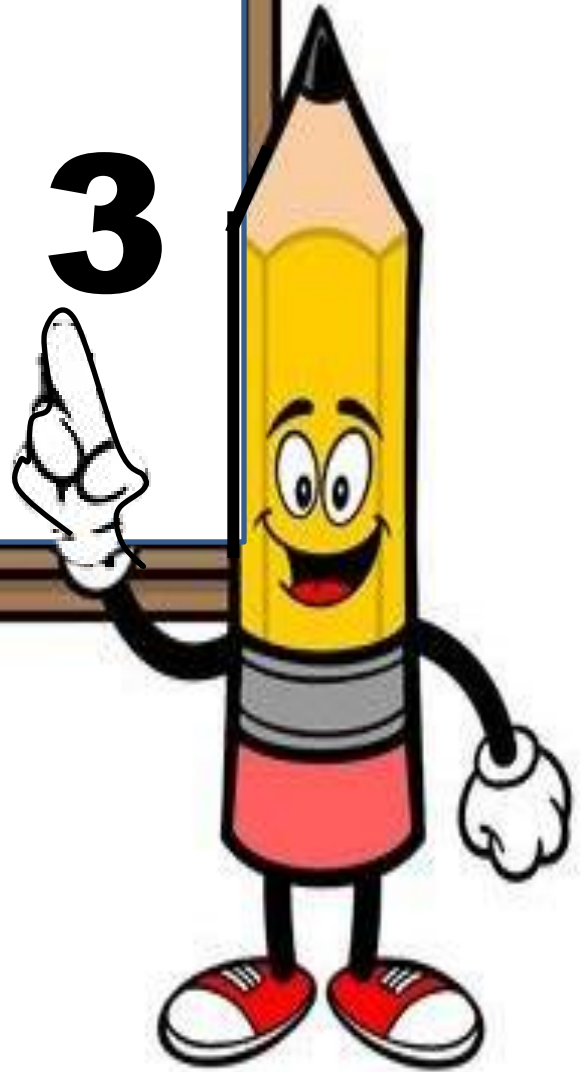
**Activity:** Ensure that you are following all directions. Unless you are asked to discuss, there should be no talking. Your job is following directions and observing. You will have a chance to discuss later. We are going to do the second part of our Act out a Sound experiment today. You will be modeling sound vibration by using your bodies. **WARNING:** If you cannot handle yourself and ensure that nobody is getting hurt and knocking each other off of the seats, you will be excused from participating in the activity.

Take any notes here: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Exploration 4: Notes-** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**Day # 3**



Name: \_\_\_\_\_ Week 17 Day 3 Date: \_\_\_\_\_

BCCS-B

Howard

Morehouse

Hampton

### End of mystery assessment

1. Why can't sound vibrations travel in outer space?

- a. Sound vibrations don't travel.
- b. Sound vibrations can't travel in outer space because there's no air there.
- c. Sound doesn't vibrate.
- d. Sound vibrations can travel in outer space.

2. Jayden and his little brother are on a boat trip looking for dolphins. Jayden's little brother keeps banging his hand on the side of the boat. Jayden says to his little brother, "Shhh! Be quiet, I don't want you to scare the dolphins away!" Jayden's little brother says, "Don't be ridiculous, the dolphins can't hear us through the water!"

How could Jayden convince his little brother that sound can be heard through water?

- a. Jayden could show him that it's possible to make noises underwater.
- b. Sound cannot be heard underwater.
- c. Jayden can skip a rock on the water.
- d. Jayden cannot convince his little brother.

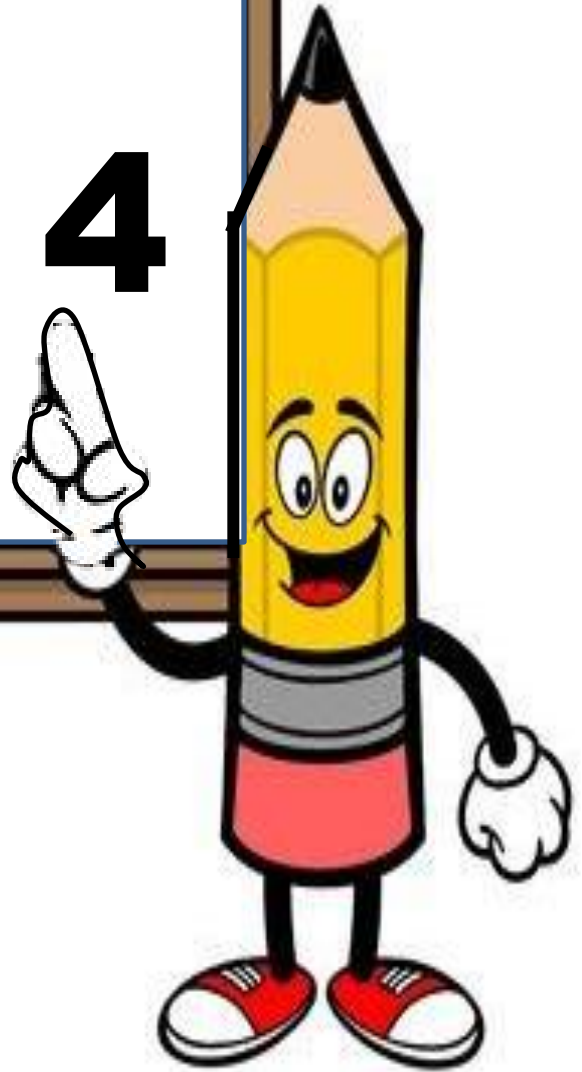


3. You've seen that it's possible for sound to break a car's windshield. Why do you think this happens?  
Show your ideas by drawing a picture below, and using words:





**Day # 4**



**Scholars, today I will be introducing the next mystery.**