Satellite Learning Sheet

Thursday, December 4th

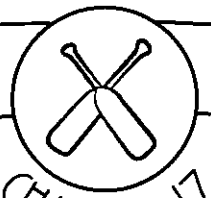
Satellite Work Completion Grade	
3	All assignments were completed and turned in on time.
2	Some assignments were missing, incomplete, or turned in late.
1	No assignments were completed.

Student's Name: _____

MEMO	Monday Memos – If you are not getting my weekly emails, please let me know! Have a wonderful satellite day!
Parent Initials	**MEMORY VERSE / BIBLE**
	Practice the Weekly Verse: Luke 2:11-14 (See Newsletter) **Discussion Question:** Why do you think God chose shepherds—ordinary, humble workers—to be the first to hear about Jesus' birth? The angel tells them, "Do not be afraid." How does knowing Jesus is our Savior help take away fear in our own lives?
	READING / LANGUAGE ARTS / WRITING
	City of Ember: - Read the second half of chapter 17 (pages 232-237) - Complete Away reading comprehension sheet **ELA:** Daily Language Arts 14.5 (Seesaw) **Spelling:** Study your spelling words (you can use one of the activities in your ORBIT binder or come up with your own). * It's helpful to take another practice test to see if you need to study more. **Book Report:** Keep reading your book report book and filling out your report as you read.
	MATH
	Converting (mixed numbers into improper fractions): - Convert each mixed number into an improper fraction. **Improper Fractions:** - Convert each improper fraction into a mixed number.
	SOCIAL STUDIES
	The 13 Colonies PBL: Page 3 - Fill out the last page of your colony packet. If you need help, see the example on Seesaw. * Don't forget to color it! *
	SCIENCE
	Why Do Electrical Cords Have Metal Plugs? Pages 166-167 - Read about conductors and insulators and answer the questions

Parent Comments (questions/concerns):

AWAY



CHAPTER SUMMARY

1. As Doon heads through the city, he pins a message on a kiosk for his _____. He waits at the Pipeworks, unsure what to do, but Lina finally arrives with _____.
2. Lina slings Poppy around her to go down the _____. The boat is light, even with the two boxes and the mysterious _____.
3. Doon ties a rope to a metal rod in the wall to hold the _____ so they can get in, and Poppy cries. It's tippy, but Doon is able to untie the _____ and they're off.

COMPREHENSION

4. ____ True or False: Lister opens the Pipeworks door so Doon and Lina can escape.
5. Lina thinks the paddles are for ___.
   a. fighting off hostile creatures
   b. making railings in the boat
   c. balancing and rowing
   d. making fire
6. What happened to the instructions Doon wrote, intended to be left for Clary to share with the city?

   _____

   _____

   _____
7. ____ True or False: Poppy says they're going on an adventure.

5th Grade

Converting: Turn Mixed Numbers into Improper Fractions

Use these mixed numbers to find the improper fraction.
First, multiply the whole number by the denominator. Then add the product to the numerator. Finally, write the answer on top of the denominator.

Example: ***Turn*** $2\frac{4}{5}$ ***into an improper fraction***

If you multiply 2 by 5, you get 10. Add 10 to the numerator 10+4 = 14.
Finally, write the answer (14) above the denominator.

$2\frac{4}{5}$ *multiply* 2×5 ***Then*** $10 + 4$ *add the result* ← *numerator*, $\frac{4}{5}$ ← *denominator* $= \frac{14}{5}$

$5\frac{3}{7}$

$7\frac{1}{9}$

$3\frac{8}{9}$

$4\frac{4}{8}$

$3\frac{3}{4}$

$6\frac{1}{11}$

$2\frac{1}{6}$

$1\frac{7}{13}$

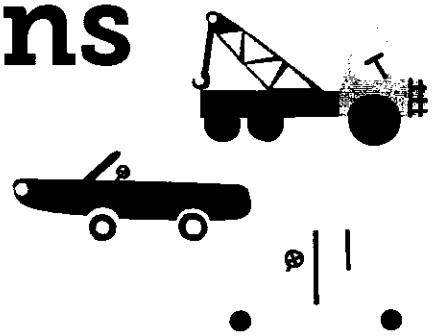
Challenge!

Circle the improper fraction that equals. $6\frac{6}{9}$

$\frac{61}{9}$ $\frac{54}{9}$ $\frac{20}{3}$ $\frac{61}{3}$

Name _____ Date _____

Improper Fractions



An **improper fraction** is a fraction where the numerator (the top number) is greater than or equal to the denominator (the bottom number). These fractions can also be written as mixed numbers. To convert an improper fraction to a mixed number, follow the steps below.

Steps:

1. Divide the numerator by the denominator.
2. Write down the whole number part of the answer.
3. Write the remainder over the original denominator.

Example: Convert $\frac{11}{4}$ to a mixed number.

First, divide.

$\frac{11}{4} = 11 \div 4 = 2\ R3$

Now, write down the whole number part, 2. Then write the remainder over the original denominator.

$2\frac{3}{4}$

Write each improper fraction as a mixed number.

1. $\frac{9}{4} =$ _____	**2.** $\frac{14}{5} =$ _____	**3.** $\frac{43}{10} =$ _____
4. $\frac{8}{3} =$ _____	**5.** $\frac{65}{6} =$ _____	**6.** $\frac{30}{7} =$ _____
7. $\frac{31}{5} =$ _____	**8.** $\frac{11}{3} =$ _____	**9.** $\frac{55}{6} =$ _____
10. $\frac{85}{9} =$ _____	**11.** $\frac{50}{7} =$ _____	**12.** $\frac{87}{10} =$ _____

CREATE YOUR OWN COLONY ACTIVITY

Directions: Draw a picture of your colony!

Name _____

Day 2

Weekly Question

Why do electrical cords have metal plugs?

Remember that electricity is the flow of electrons. Some materials allow electrons to flow through them easily. These materials are known as **conductors**. Metals such as copper, gold, and silver are good conductors. They allow electrons to flow through them easily. That's why electrical wires and plugs are made from metal.

Vocabulary

conductor
a material that allows electricity to flow through it

A. Write **true** or **false**.

1. Electricity flows easily through everything. _____
2. Metals are good conductors. _____
3. Electrical wires are made from electrons. _____
4. Electrons pass easily through copper. _____

B. Use the words in the box to complete the sentences.

copper **plug** **conducts**

1. The lamp had a cord with a metal _____ at the end.
2. James used _____ wire to make a conductor.
3. A metal pole _____ electricity better than a wooden one.

Name _____

Daily Science

Big Idea 6

WEEK 2

Weekly Question

Why do electrical cords have metal plugs?

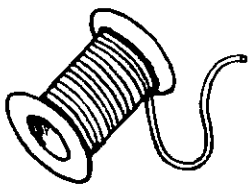
When an electrical appliance is switched on, electricity flows into the plug of the appliance's cord. Then it flows through the cord's wires to make the appliance work.

So why don't we get a shock from touching the cord? The electrical wires are wrapped in rubber, which is an **insulator**. Insulators are materials that do not let electrons flow through them easily. Rubber, plastic, wood, and glass are good insulators.

Vocabulary

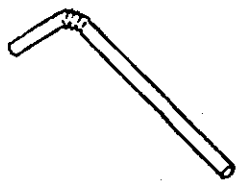
insulator
a material that does not allow electricity to flow through it

A. Look at the items below. Write whether each one is a **conductor** or an **insulator**.



copper wire _____

rubber ball _____



plastic straw _____

glass bowl _____

steel spring _____

B. People who work on power lines always wear thick gloves and boots with thick soles. Why do you think that is? Explain how the gloves and boots protect the workers.

_____