



Satellite Learning Sheet

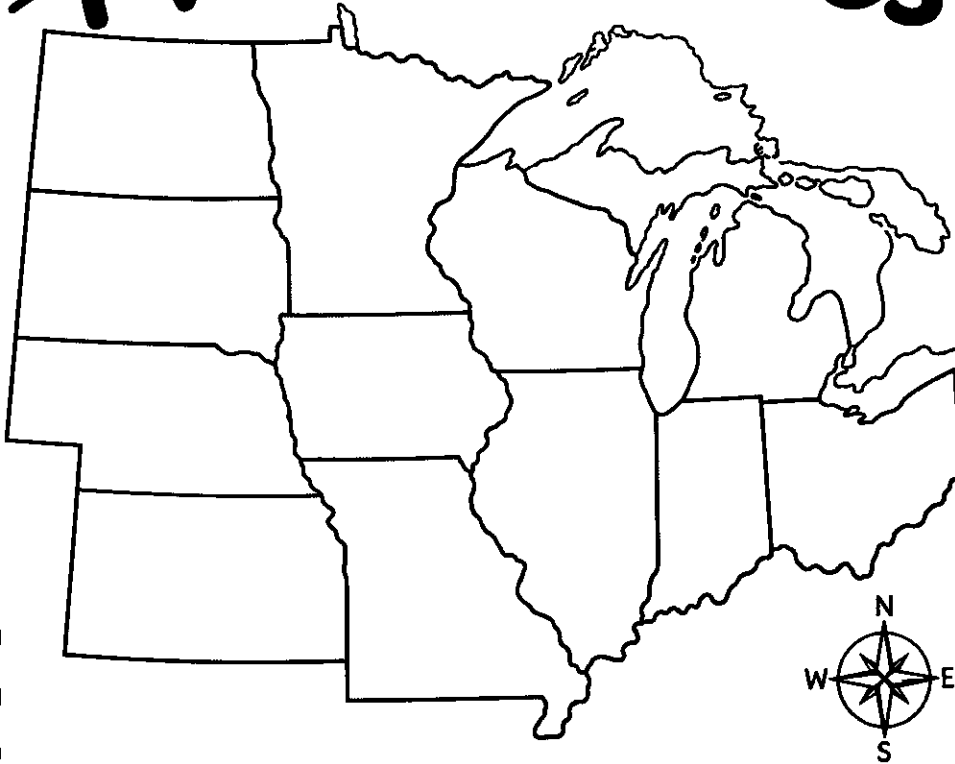
Thursday, October 1st

Student's Name: _____

MEMO	Newsletter: Please take a moment to read through the October Newsletter. Fall Break: No school next week! There will also be no Monday Learning Log on Monday, Oct 12. Spirit Week: October 13th – 16th See flyer for dress-up day information.
Parent Initials	MEMORY VERSE / BIBLE
	Moses Bible Review: Complete the attached worksheet Weekly Verse: John 8:36 NKJV "Therefore if the Son makes you free, you shall be free indeed."
	READING / LANGUAGE ARTS / WRITING
	1. The Tower: - Read the story out loud to a parent, sibling, pet, or stuffed animal (reading aloud will help build fluency). - Sort the problems and solutions under the correct characters in the story. - You will use each one only once. - Not all lines need to be filled in (hint: The king has 3 problems and solutions each, the royal advisor has 2 of each, and the goatherd only has one of each). Writing: Write the story from the goatherd's point of view. Your story should start with him being approached by the king's advisor. You don't have to include every detail, but show how a few parts of the story would change when using this point of view. Write about 5 – 7 sentences. 2. Spelling: Find your new spelling list in your binder and begin practicing your words. *This test will be on Tuesday, Oct. 13th following fall break.* 3. Book Report: Keep working on your Paper-Bag Book Report. Don't forget to use complete sentences and nice handwriting/coloring. Also keep in mind that if you don't have objects for all of the elements, you can draw or print out a picture of the object instead.
	MATH
	The Division Detective: - Complete each division problem (if you need extra room to work, you can use a scratch piece of paper, but please make sure to turn it in with your work). - Don't forget to write your remainders as fractions! - As you solve the problems, match your answers with the lines on the bottom of the second page. Write the corresponding letter in the space provided to solve the riddle. *NOTE* - Not all of the letters will be used.
	SOCIAL STUDIES
	Midwest States: Seesaw - Read through the information about the Midwest States and answer the questions on the last page. - We will take a quiz on the Midwest states on Tuesday, Oct. 13th (You can use your Seesaw assignment, the map on the back on the SLS sheet, and the map in your resources folder to help you study) Practice State Capitals: - Use the study tools in your binder, the online quiz in the newsletter, or other resources to study your state capitals.
	SCIENCE
	Food Webs: Is the lion really the king of the jungle? - Read the information and complete the questions and activities. (Don't forget to do both sides)

Parent Comments (questions/concerns): _____

The Midwest States



State Word Bank

Illinois

Indiana

Iowa

Kansas

Michigan

Minnesota

Missouri

Nebraska

North Dakota

Ohio

South Dakota

Wisconsin

The Tower

King Alexander wanted the moon. He was sure that the moon was filled with gold, and he had declared a rule that all gold should belong to the greatest king in the universe. Since he had also declared that he was the greatest king in the universe, he felt entitled to the moon's gold.

"I must add the moon to my royal treasury," he said to his royal advisor.

"Impossible," said the royal advisor. "The moon is far beyond your reach. But if your royal hands can't touch it, neither can anyone else's. The moon's gold is safe where it is."

As the king watched the moon shrink and grow, he reasoned that someone must be able to reach it.

One night, while looking through his telescope at a thin crescent moon, he exclaimed, "Not only has someone reached the moon, but he has also been stealing my gold. It's almost gone! If I can catch the thief, the moon will keep growing bigger and bigger and will never shrink."

Of course, the king didn't stop to think that if a thief was taking gold out of the moon, the same thief, or someone else, was filling it up again.

"Bring me the wisest person in the kingdom," the king commanded his royal advisor. "I need help if I am to reach the moon."

"But, Your Highness," the royal advisor responded, "you have proclaimed *yourself* to be the wisest person in the kingdom."

"Then bring me the second-wisest person," demanded the king.

The royal advisor searched the kingdom. No one would assume the role of the second-wisest person. All the king's subjects knew about the king's royal temper. If they didn't do what he asked, he would toss them into the royal jail.



The royal advisor continued his search until, one day, he saw two goatherds caring for their animals on the slopes of a mountain.

"Good day," the royal advisor called out to the goatherds. "I am looking for the second-wisest person in the kingdom."

"That must be my older brother," said one goatherd, pointing to the other. "He knows where to find the best grasses in the land so that our goats provide the richest milk, which he makes into the finest cheese in the kingdom."

"Wise, indeed," said the royal advisor. "If you come with me, you can help our king with a difficult problem."

"I am happy to help," said the goatherd. "I know everything there is to know about goats."

The goatherd and the royal advisor arrived at the palace and went to the king.

"Your Highness," the royal advisor announced, "this goatherd is the second-wisest person in the kingdom. He will help you reach the moon."

"The moon?" asked the goatherd. "I thought you needed help with goats."

"What would I do with goats?" the king asked. "Since you are the second-wisest person in the kingdom, you must find a way to reach the moon. You have seven days to come up with a plan. If you don't think of something, I will throw both you and the royal advisor in jail forever."

The royal advisor took the confused goatherd to his room, where they spent half the night trying to think of a plan. Finally, they could stay awake no longer. While the goatherd slept, he dreamed that he was back with his goats. They were grazing on a hillside. He dreamed about the fresh apples on the trees that dotted the hillside. He dreamed that he stood on an old barrel to reach the fruit high up in the tree. The next morning, the goatherd told the royal advisor about the dream. Together, they drew a picture of a great tower and marched off to see the king.

"We have the answer, Your Highness," said the royal advisor. "Have the royal tax collector bring every barrel in the kingdom. We'll have the royal carpenter fasten the barrels together into a tower. You can climb to the top of the tower and reach the moon."

The whole kingdom watched the tower grow from the ground, up past the trees, and higher than the castle walls. Every piece of wood in the kingdom, even tables and chairs and beds, was used to make the tower high enough.

"It's high enough," King Alexander said one day. "I'll wait no longer. Today is the day I'll climb to the moon."

"Your Highness," said the advisor, "it's a very long climb. You should send me in your place."

Name _____

The Tower

Problems and Solutions

Identify each of the following phrases as a problem or a solution and write it under that heading for the correct character.

had to come up with a plan	decided to catch the thief
came across two goatherds	needed help to reach the moon
thought gold was being stolen	might get thrown into jail, too
had to find the second-wisest person	helped the goatherd
dreamed about picking fruit	still couldn't reach the moon
sent his advisor to find the second-wisest person	demanded that something be taken from the bottom and added to the top

King Alexander

Problem

Solution

_____	_____
_____	_____
_____	_____

Royal Advisor

Problem

Solution

_____	_____
_____	_____
_____	_____

Goatherd

Problem

Solution

_____	_____
_____	_____
_____	_____

The Tower

This story is written from the storyteller's point of view. Think about how the story would change if the goatherd was telling it. Write a brief retelling of the story from the goatherd's point of view on the lines below.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page.

THE DIVISION DETECTIVE

The case of the mystery object | Page 1 of 2

Name: _____ Date: _____

Solve all eight problems. Write remainders as fractions.

On page 2, write each problem letter above its matching answer.

Two answers will not be used in the riddle.

L

Problem 1

6

4,281

S

Problem 2

8

6,062

C

Problem 3

7

5,805

K

Problem 4

9

3,012

Keep going! Four more problems and the riddle are on page 2.

THE DIVISION DETECTIVE

The case of the mystery object | Page 2 of 2

Name: _____ Date: _____

A**Problem 5**

7

$$\overline{)3,016}$$

T**Problem 6**

8

$$\overline{)5,610}$$

O**Problem 7**

6

$$\overline{)6,442}$$

C**Problem 8**

8

$$\overline{)1,449}$$

WHAT AM I?

What has a face and two hands, but no arms or legs?

Find each answer below. Write its problem letter on the line above.

$$\overline{)430} \quad \frac{6}{7}$$

$$\overline{)829} \quad \frac{2}{7}$$

$$\overline{)713} \quad \frac{3}{6}$$

$$\overline{)1073} \quad \frac{4}{6}$$

$$\overline{)181} \quad \frac{1}{8}$$

$$\overline{)334} \quad \frac{6}{9}$$

(Read your six letters from left to right.)

Name _____

**Day
2**

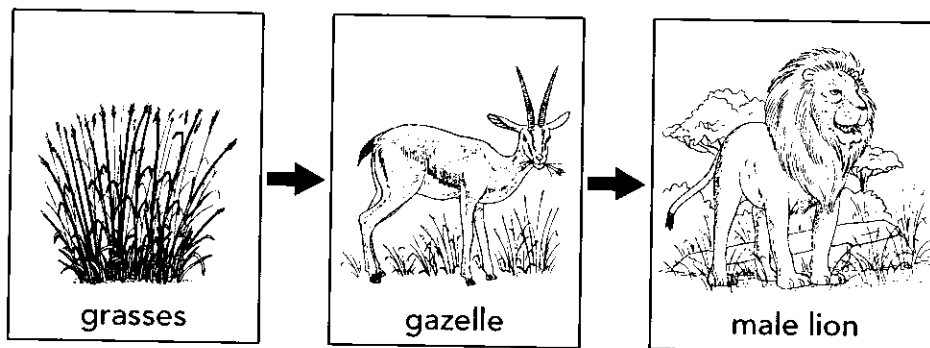
Weekly Question

**Is the lion really the king
of the jungle?**

Despite being known as the "king of the jungle," lions do not actually live in a jungle. They are found mostly in the **savannas** of East Africa. The savannas are wide grasslands dotted with scattered shrubs and trees. This habitat is very warm and usually dry, except for a short rainy season.

In the savanna ecosystem, lions are at the top of the **food chain**. They eat the zebras, wildebeests, impalas, and other animals that in turn eat the grasses and shrubs. Although the idea of a food chain may seem simple enough, the relationship between predators and prey in an ecosystem can be complex. For example, lions can kill and eat crocodiles, but crocodiles have been known to eat lions, too.

A. Write a caption explaining the diagram below. Use the terms *food chain* and *savanna* in your caption.



B. List three characteristics of a lion's habitat.

1. _____
2. _____
3. _____



Vocabulary

food chain

FOOD chayn
a sequence of
organisms in a
community in which
each member feeds
on the one below it

savanna

suh-VAN-uh
hot, often dry
grassland with
scattered trees

Name _____



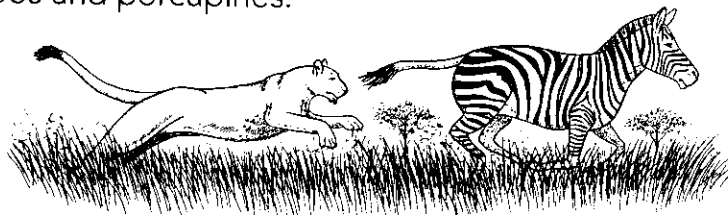
Day 1

Weekly Question

Is the lion really the king of the jungle?

In literature, art, and folklore, lions have long been the symbol of kings and royalty. Their very appearance suggests strength and power. They are the second largest of all felines and are one of the top **predators** in their ecosystem. Adult lions generally weigh 300 to 400 pounds and stand about 3½ feet tall from their shoulders to the ground. With powerful legs, a strong jaw, and sharp teeth and claws, lions can kill **prey** even bigger than themselves.

In fact, lions can hunt and kill nearly any species they encounter. But they prefer to eat hoofed animals, such as zebras, impalas, wildebeests, and water buffalos. They have also been known to feast on smaller mammals, such as wart hogs and hares. However, lions will generally avoid animals that can fight back or injure them, such as hippos and porcupines.



Vocabulary

predator

PRED-ih-ter

an animal that kills and eats other animals

prey

pray

an animal hunted or caught for food by another animal

A. Complete the analogy, using the vocabulary words.

Lion is to _____ as zebra is to _____.

B. Name four characteristics that make lions good predators.

1. _____
2. _____
3. _____
4. _____

C. Write true or false.

1. Lions are capable of killing every species they encounter. _____
2. Lions are in the feline family. _____
3. Hippos and porcupines can injure lions. _____

Spelling Words

Suffixes - ary/ery/ory

Generalization: The suffixes *ary*, *ery*, and *ory* generally create nouns or adjectives.

-ary

stationary

imaginary

ordinary

February

-ery

mystery

delivery

scenery

bravery

-ory

inventory

category

dormitory

victory

Challenge Word: machinery

Spelling Words

Inflected Endings - Words that end in "y"

Generalization: When a base word ends with a consonant and a y, change the y to i before adding *es* or *ed*.

consonant-y plural

replies

copies

hurries

carries

studies

empties

consonant-y past tense

replied

copied

hurried

carried

studied

emptied

Challenge Word: multiplies