

# McCreary County Schools



## Elementary NTI Packet

Grade Level: 3rd Grade

School: \_\_\_\_\_

Student Name: \_\_\_\_\_

Teacher Name: \_\_\_\_\_

# McCreary County Schools



## Elementary NTI Packet

**DAY 1**

**Student Name:**\_\_\_\_\_

Name \_\_\_\_\_

Charlie McButton

Read the selection. Then answer the questions that follow.

### Lucky Lucy

Day 1  
Reading

Lucy Mouse was excited. Today a new mouse was coming to class.

"Meet our new student, Ted Mouse," said Mr. Toad. "Let's make him feel welcome."

No one said a word. They were all staring because Ted had no tail!

At lunch, no one invited Ted to join them. Lucy felt sorry for Ted, but she was going to sit with her friends. Then she slipped and dropped all her food. No one said a word. They all just stared at her.

Only Ted walked over to Lucy. He said, "Don't worry. I'll help you."

Ted helped Lucy get more food. Then Ted and Lucy ate lunch together.

Turn the page.



# Social Studies

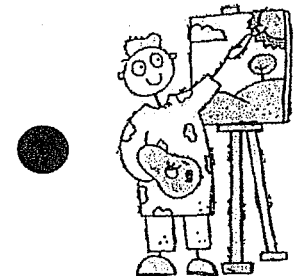
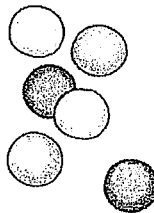
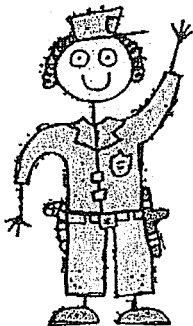
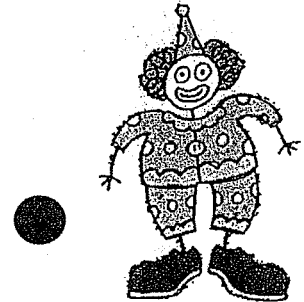
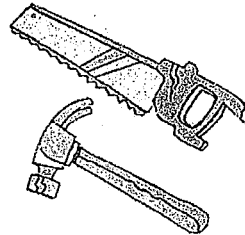
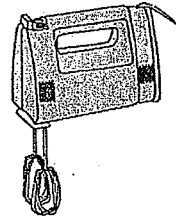
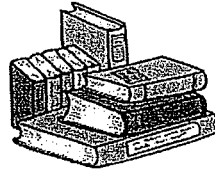
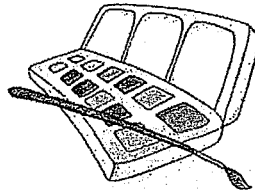
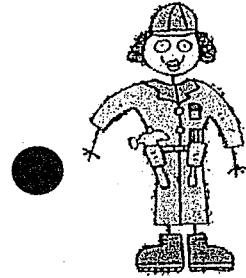
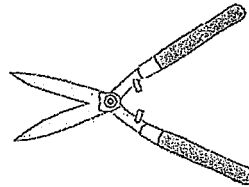
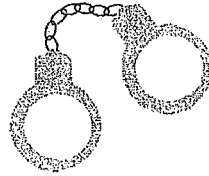
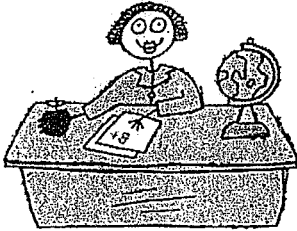
## Day 1

Name: \_\_\_\_\_

### Goods and Services

In our economy, people produce goods to sell in order to make money. People then use the money they earn to buy goods. Others provide a service for others. It is how our economy works.

**Directions:** Draw a line to connect the person providing the service to the good he or she would purchase.

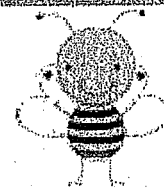


# Life Science Stories



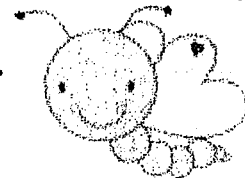
## Insects

Story by Andrew Frinkle



Insects are a kind of animal. Insects are also known as bugs. Insects can be found all over the world. Crickets, ants, grasshoppers, butterflies, ladybugs, and bees are some common insects.

Insects are invertebrates, so they do not have backbones. They have exoskeletons. This means they have their bones on the outside, like a shell. That makes them similar to crustaceans. Some insects, like butterflies, can change as they grow.



Insects always have six legs. If something has eight legs, like a spider, it is not an insect. Insects usually have three body segments. The head is where the eyes, mouth, and brains are. The thorax is where the legs and wings connect. The abdomen is where the guts and organs are.

# Life Science Stories

NAME: \_\_\_\_\_

## Insects

1. Insects are also known as \_\_\_\_\_.

- (A) worms      (B) bugs      (C) monsters      (D) fairies

2. Which of these is an insect?

- (A) ladybug      (B) rat      (C) fish      (D) spider

3. How many legs do insects have?

- (A) 2      (B) 4      (C) 6      (D) 8

4. DEFINITION: a skeleton (bones) outside the body

- (A) abdomen      (B) exoskeleton      (C) head      (D) thorax

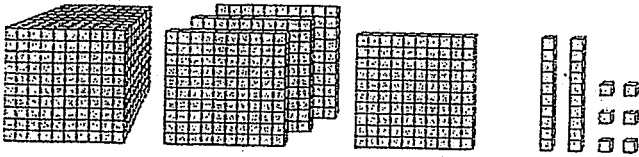
5. The thorax is where the wings and legs connect.

- (A) True      (B) False

Find the value each set of blocks represents.

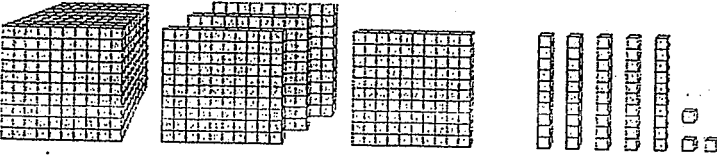
### Answers

1)



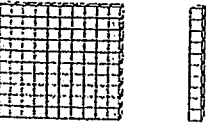
1. \_\_\_\_\_

2)



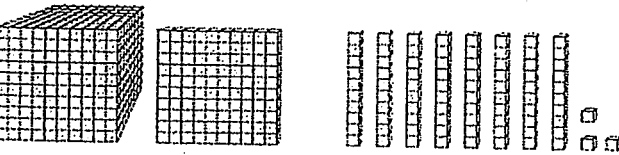
2. \_\_\_\_\_

3)



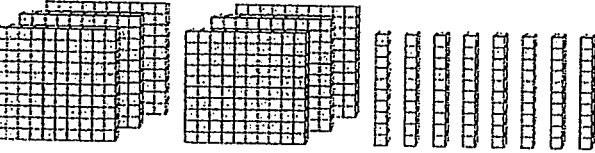
3. \_\_\_\_\_

4)



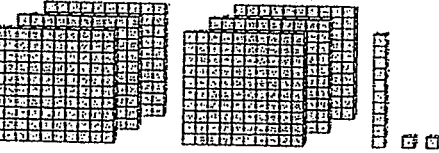
4. \_\_\_\_\_

5)



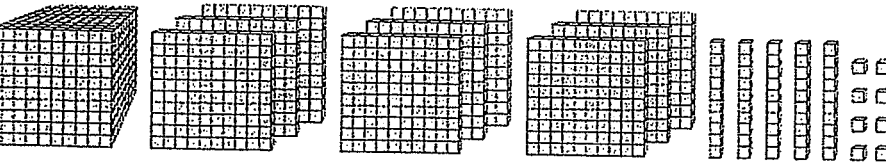
5. \_\_\_\_\_

6)



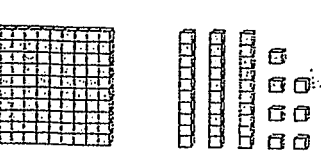
6. \_\_\_\_\_

7)



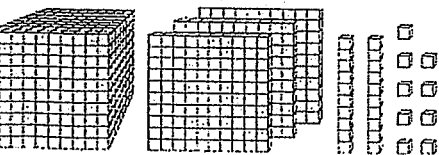
7. \_\_\_\_\_

8)



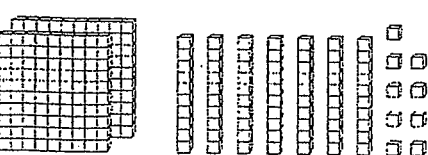
8. \_\_\_\_\_

9)



9. \_\_\_\_\_

10)



10. \_\_\_\_\_



# McCreary County Schools



## Elementary NTI Packet

**DAY 2**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 2  
Reading

### Sanya's Science Report

Sanya was tired of looking at her screen and turned to look out the window. It was raining on Planet Octor. Sanya had to write a report for science class about a planet she had never visited.

Sanya's mom came into the room. "Why aren't you reading your teaching screen?" she asked.

"Oh, I have been. I've decided to write about Earth," Sanya said. "Why don't we go there? I can't think of a better way to learn about a planet."

Mom agreed, so they jumped into their spaceship and headed for Earth. Sanya looked out the window as they traveled. She recognized Norbeed, a red planet she and her family had visited on vacation. It still had a red halo around it.

Sanya knew from her teaching screen that Earth was different from Octor and Norbeed. Earth was a planet of blue water and green land. After three days, the blue and green planet came into view. Just as the spaceship was coming into landing orbit, Sanya heard a loud noise.

"Don't worry," Mom said. "That's just a signal from the Earth crew letting us know they're ready to pull us in."

Sanya smiled. She was eager to learn about Planet Earth.

Answer the questions below.

Day 2  
Reading

1 What was the *most important* event in the story?

- ☐ Sanya's mom came into the room.
- ☐ Sanya and her mom flew to Earth.
- ☐ Sanya heard a loud noise from Earth.
- ☐ Sanya's spaceship passed Norbeed.

2 Where was Sanya at the *beginning* of the story?

- ☐ on a long trip
- ☐ in a spaceship
- ☐ at school
- ☐ at home

3 What happened at the *end* of the story?

- ☐ Sanya recognized the color of Norbeed.
- ☐ Sanya and her mother visited Earth.
- ☐ Sanya decided to write about Planet Earth.
- ☐ Sanya and her mother went on vacation.

4 Which word *best* describes Sanya?

- ☐ curious
- ☐ afraid
- ☐ lonely
- ☐ sleepy

5 What did this story teach you about how to learn about something new?

---

---

---

---

---

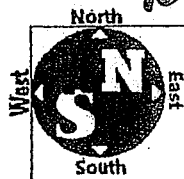
---

---

---

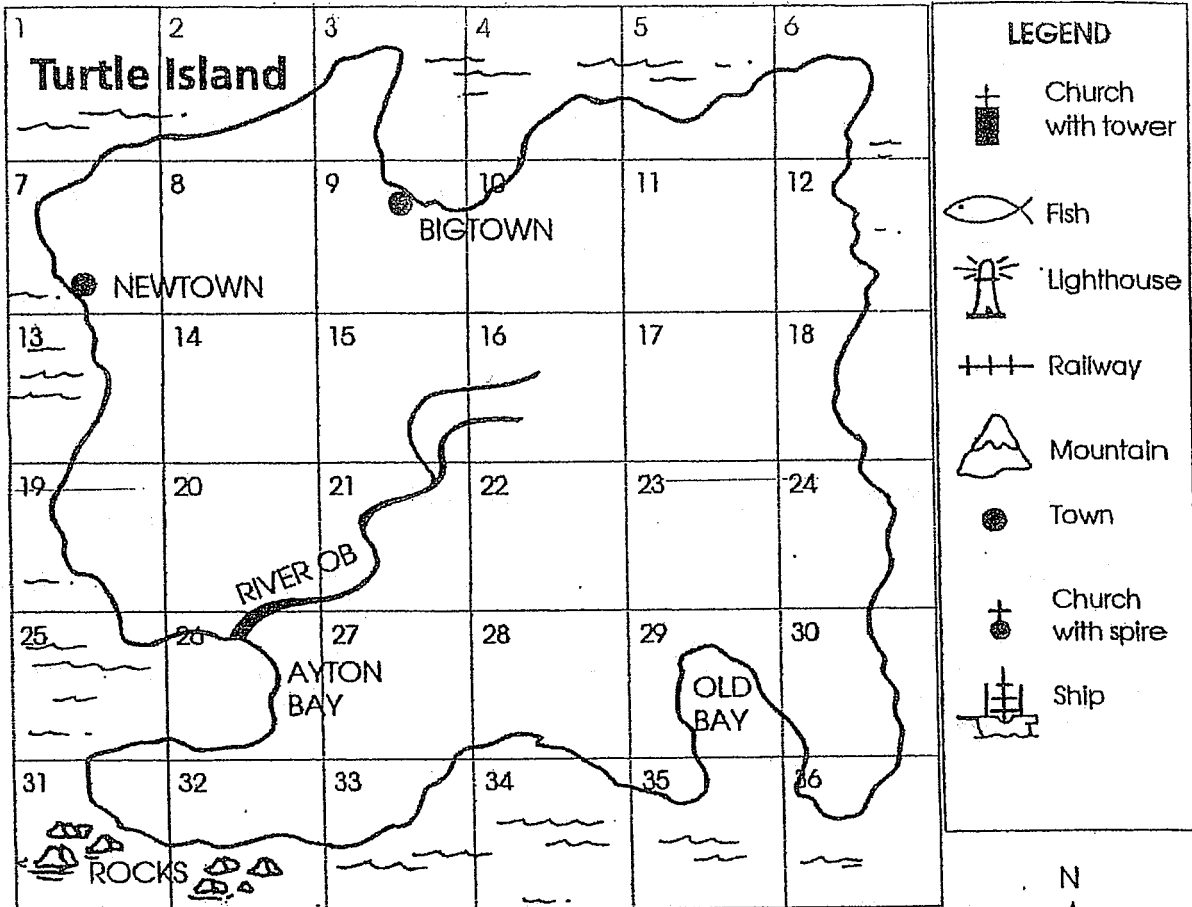
# Social Studies

## Day 2



## Reading Maps

Use the symbols to provide answers to the questions below.  
These symbols are found in the map's legend



1. Draw fish in Ayton Bay in square 26. Color them brown.
2. Draw a church with a tower in number 15 square.
3. Draw three mountains in square 16 where the River Ob begins.
4. Draw a lighthouse on the coast in square 32 to warn ships about the rocks found there.
5. Draw a railway joining Newtown in square 7 to Bigtown in square 9.
6. Put your own town in square 21. It is on the west bank of the river.
7. A river starts in square 16 and flows into the eastern side of Old Bay. Draw it.
8. Draw a church with a spire (steeple) in square 11.
9. This is Turtle Island. Draw your own turtle symbol in square 6 and put it in the legend.
10. Draw a ship waiting in the harbor in square 3. Color it red.

# Life Science Stories

## Grasslands

Story by Andrew Frinkle

Earth has lots of grasslands. Grasslands usually have very few trees. Grasslands can have lots of animals. Many of them like to eat grass.



A savanna is a warm or tropical grassland area. The grasses can be very tall. This is good for animals to hide in. Many animals eat the grass, too. Animals like elephants, zebras, and lions might live in a savanna.



Temperate grasslands, like prairies and steppes, might seem like large grassy fields, but the grasses get much taller. The animals that live in a grassland must use the grass. They eat the grass, hide in the grass, and make their homes in the grass. Buffalo, wolves, owls, and bugs might live in a grassland.



# Life Science Stories

NAME: \_\_\_\_\_

## Grasslands

1. Grasslands usually have very few \_\_\_\_\_.

- (A) trees      (B) plants      (C) animals      (D) clouds

2. Which of these is a warm grassland?

- (A) arctic      (B) jungle      (C) savanna      (D) desert

3. What kind of plant covers most grasslands?

- (A) flowers      (B) grass      (C) trees      (D) rocks

4. DEFINITION: another name for temperate grasslands

- (A) oceans      (B) prairies      (C) deserts      (D) jungles

5. Grasslands have lots of trees.

- (A) True      (B) False

## Identifying Place (A)

In what place is each underlined digit?

96,388

96,195

77,845

80,883

41,460

74,788

92,996

77,630

54,650

84,631

90,350

48,534

41,831

48,782

13,563

67,138

# McCreary County Schools



## Elementary NTI Packet

**DAY 3**

**Student:** \_\_\_\_\_



Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 3  
Reading

### The Fire Stealer

Once upon a time, there was no fire on the Earth, and animals everywhere were freezing. They could see the fire in the sun but could not get even a tiny coal from fierce Firekeeper, the sun's guardian. One day the animals were so cold they decided to take some fire.

Brave Crow said, "I will fly to the sun and take a piece of coal. Firekeeper will not miss such a tiny piece."

But Firekeeper noticed him and was so furious that he burned the feathers off of Crow's head as punishment.

Then Wily Possum said, "Maybe I can take some fire and hide it in my tail. Firekeeper will not notice a small coal hidden in my bushy tail."

But Possum could not fool Firekeeper, and angry Firekeeper burned the fur off Possum's tail as punishment.

Finally, tiny Water Spider said, "I will get so wet that the sun cannot burn me, and I will spin thread to make a little bowl on my back where I can carry the small piece of fire that I take."

Water Spider was so small she could easily slip by Firekeeper. When the animals saw her carrying back the fire, they all cheered.

Bear said, "You are the smallest in our animal family, yet you gave us this precious gift of fire."

3 Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved.

Turn the page.

Answer the questions below.

Day 3  
Reading

**1** Based on Water Spider's actions, you can say that she was

- ☐ small and afraid.
- ☐ smart and brave.
- ☐ big and strong.
- ☐ sad and lonely.

**2** This story took place at a time when

- ☐ the sun was not hot.
- ☐ animals lost their fire.
- ☐ the Earth was a cold place.
- ☐ animals lived in coal mines.

**3** How was Water Spider like a real person?

- ☐ The sun could not burn her.
- ☐ She was so small she could hardly be seen.
- ☐ She went to visit Firekeeper.
- ☐ She made a plan to do something.

**4** What happened at the *end* of the story?

---

---

---

---

---

**5** What lesson did the characters learn in this story?

---

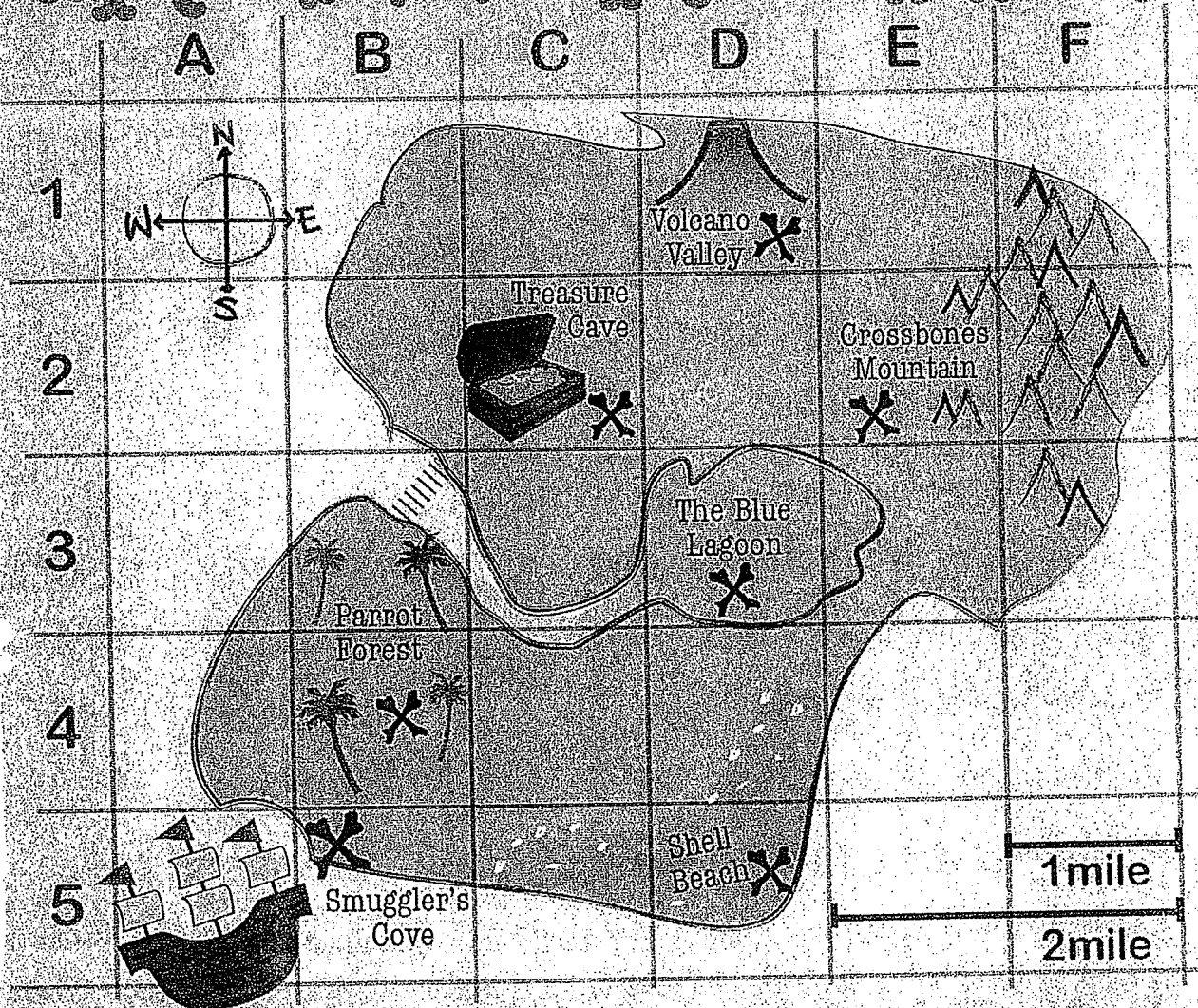
---

---

---

---

## TREASURE MAP



YOU HAVE LANDED ON TREASURE ISLAND. Each landmark on the map lies within a square that's named after the column and row that make its sides. For Example, you have landed on Smugglers Cove. It is located under column B row 5, which means it is in square B5. Fill out the location of the other landmarks below.

Parrot Forest \_\_\_\_\_

The Blue Lagoon \_\_\_\_\_

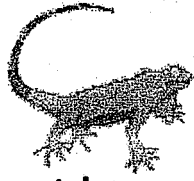
Volcano Valley \_\_\_\_\_

Crossbones Mountain \_\_\_\_\_

Shell Beach \_\_\_\_\_

Treasure Cave \_\_\_\_\_

## Life Science Stories



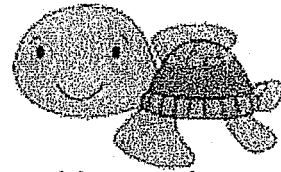
### Reptiles

Story by Andrew Frinkle

Reptiles are a kind of animal. Reptiles usually live in warm places, but some live in the water. Snakes, turtles, lizards, iguanas, and alligators are some common reptiles.



Reptiles are vertebrates, so they have backbones. Reptiles have scales. Some also have shells. Most reptiles lay eggs. A few kinds of snakes and lizards have live young that don't come from eggs. Most reptiles are meat-eaters. A few kinds of lizards and tortoises are plant-eaters.



Reptiles are cold-blooded. They like the sun, because it keeps them warm. If they get too cold, they could die. Some reptiles just hibernate and go to sleep when it is cold. They wake up when it gets warm again!

# Life Science Stories

NAME: \_\_\_\_\_

## Reptiles

1. \_\_\_\_\_ reptiles are meat-eaters.

(A) No

(B) Some

(C) Most

(D) All

2. Which of these is a reptile?

(A) rabbit

(B) ladybug

(C) snake

(D) owl

3. What kind of body covering do reptiles have?

(A) feathers

(B) slime

(C) scales

(D) fur

4. DEFINITION: when animals goes to sleep for a long time

(A) nap

(B) doze

(C) hibernate

(D) dream

5. Reptiles are warm-blooded.

(A) True

(B) False

# Math Day 3

Name: \_\_\_\_\_

Write the simplify form for:

$4000 + 300$	
$5000 + 600 + 90 + 7$	
$6000 + 800 + 40$	
$1000 + 60$	
$7000 + 100$	
$500 + 60$	
$8000 + 60 + 2$	

Write the Expanded form for:

9000	
6010	
5003	
4320	
7090	
8009	
7560	

# McCreary County Schools



## Elementary NTI Packet

**DAY 4**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

## First Place

Day 4  
Reading

Gene woke up nervous. The music contest was on Monday. Gene was scared.

"I can't do it," Gene said to his parents.

"First you need to practice. I will help you," Gene's dad said. They practiced the piano together every day.

Then Gene and his dad went to the contest. Gene heard the other students play. They played very well. *I don't have a chance*, Gene thought to himself.

Later it was Gene's turn. He looked at his dad and felt better. Gene played without any mistakes. He could not believe it when he heard his name called as the first-place winner.

Finally, Gene wasn't nervous anymore.

Turn the page.



# Day 4 Reading



- ☐ Don't believe everything you hear.
- ☐ Practice helps you do well.
- ☐ Things don't go well when you feel sick.
- ☐ It is important to be sure of yourself.

2

- ☐ Gene and his dad practiced piano.
- ☒ Gene heard his name called.
- ☐ Gene wasn't nervous anymore.
- ☐ It was Gene's turn to play.

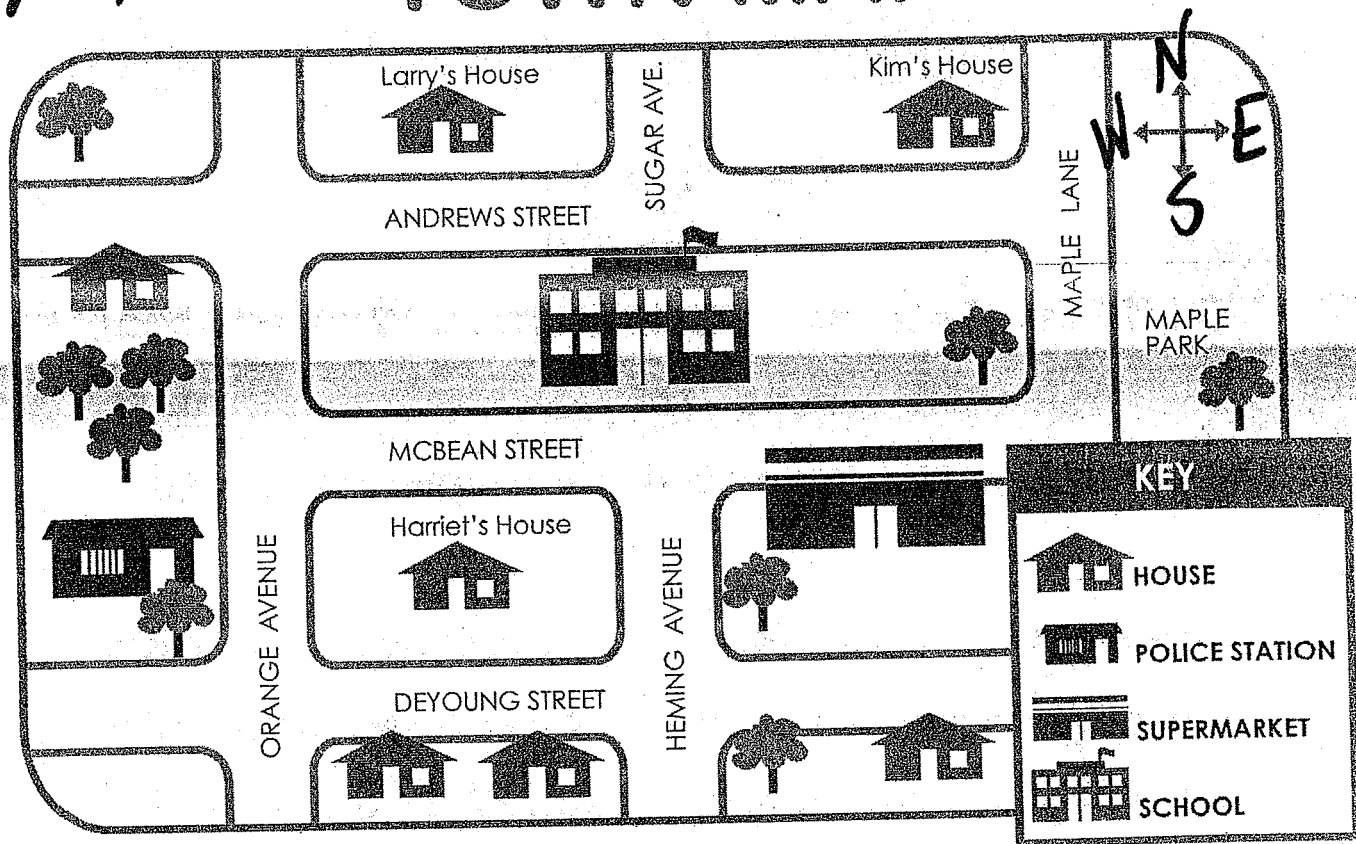


- ☐ took another turn
- ☐ called his dad
- ☐ went back to his seat
- ☐ went home

4

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 is no handwriting or printed text on the paper.

# TOWN MAP



**LABEL** the compass rose with N, S, E, W.

Write **NORTH, SOUTH, EAST OR WEST** to complete each sentence.

1. Harriet heads \_\_\_\_\_ to go to school.
2. Larry goes \_\_\_\_\_ to go to Harriet's house.
3. Kim heads \_\_\_\_\_ to go to the supermarket.
4. A police officer would go \_\_\_\_\_ to the supermarket.
5. Kids at school head \_\_\_\_\_ to play at the park.
6. Harriet's dad is a police officer. He heads \_\_\_\_\_ to go to work.
7. Larry heads \_\_\_\_\_ to go to school.
8. Kim heads \_\_\_\_\_ to visit Larry.

# Life Science Stories



## Wetlands

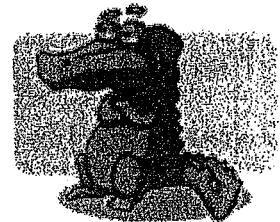
Story by Andrew Frinkle

Earth has some very damp habitats. Wetlands are very important areas for animals and plants. Wetlands are also important for people and lands!

Wetlands are swamps, bogs, and marshes. Unlike lakes and rivers, there aren't waves. The water sits still. Wetlands are humid places full of animals and plants. Some of these plants and animals find their ways into rivers, lakes, and seas. Wetlands help clean the water. They also help prevent flooding.



Wetlands are full of life. They have many trees and grasses. Many alligators, turtles, snakes, birds, frogs, bugs, and fish make homes in wetlands. There are more types of animals in wetlands than in any other type of habitat!



# Life Science Stories

NAME: \_\_\_\_\_

## Wetlands

1. Wetlands are swamps, bogs, and \_\_\_\_\_.

- ☐ (A) marshes    ☐ (B) deserts    ☐ (C) lakes    ☐ (D) forests

2. Which of these is not a type of wetland?

- ☐ (A) bog    ☐ (B) marsh    ☐ (C) swamp    ☐ (D) desert

3. Which word describes Wetlands habitats?

- ☐ (A) dry    ☐ (B) lifeless    ☐ (C) humid    ☐ (D) empty

4. DEFINITION: having lots of moisture or water in the air

- ☐ (A) humid    ☐ (B) dry    ☐ (C) windy    ☐ (D) cold

5. Alligators live in some wetlands.

- ☐ (A) True    ☐ (B) False



Write the number in word form.

1) 1,977

2) 6,144

3) 9,435

4) 7,342

5) 9,649

6) 2,247

7) 9,141

8) 9,141

9) 37,034

10) 84,989

11) 24,503

12) 74,464

13) 48,314

14) 32,807

~~15) 308,263~~

16) 482,117

17) 698,885

18) 233,941

19) 521,195

20) 500,339

# McCreary County Schools



## Elementary NTI Packet

**DAY 5**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

**The Backyard Party**Day 5  
Reading

Angie and Gina wanted to have a party because school was almost over for the summer. They wanted to invite all their friends, but their houses were too small for so many people. Gina thought that her big backyard would be perfect for the party, so she asked her mom if she could have the party there. Gina's mom agreed, so the girls began to make plans for the best party ever.

First, Angie and Gina made a list of their friends. Then they made fancy invitations that told the time and place of the party. Next, Angie began writing names on the cards, while Gina made a list of food to buy. Because the weather was warm, Gina wanted to have ice cream for dessert.

"What games should we play?" Angie asked.

"Let's play the ring-toss game that we played last summer," Gina said.

Just then Gina's mom came into the room. "What's the date of the party?" she asked.

Gina and Angie looked at each other and laughed. They had been so busy making plans for the party that they'd forgotten to pick a day for it!

Answer the questions below.

Day 5  
Reading

**1** What do you think Gina and Angie will do next?

- ☐ plan a beginning of the school year party
- ☐ pick a day for the party
- ☐ give Gina's mom a list of food to buy
- ☐ practice the ring-toss game

**2** What clue words tell you the sequence of events in the second paragraph?

- ☐ made, began
- ☐ first, then, next
- ☐ told, because
- ☐ time, place

**3** What did you learn about people from this story?

- ☐ When people work together, they sometimes disagree.
- ☐ People who are busy enjoy life much more.
- ☐ When people are excited, they can forget things.
- ☐ People around the world celebrate differently.

**4** Which of the following happened first?

- ☐ Gina got permission to have the party.
- ☐ Angie and Gina made invitations.
- ☐ Gina's mom asked about the date of the party.
- ☐ Gina and Angie made a list of friends to invite.

**5** If you were planning a party, what would you do first, second, and third?

---

---

---

---

---

---

---

---

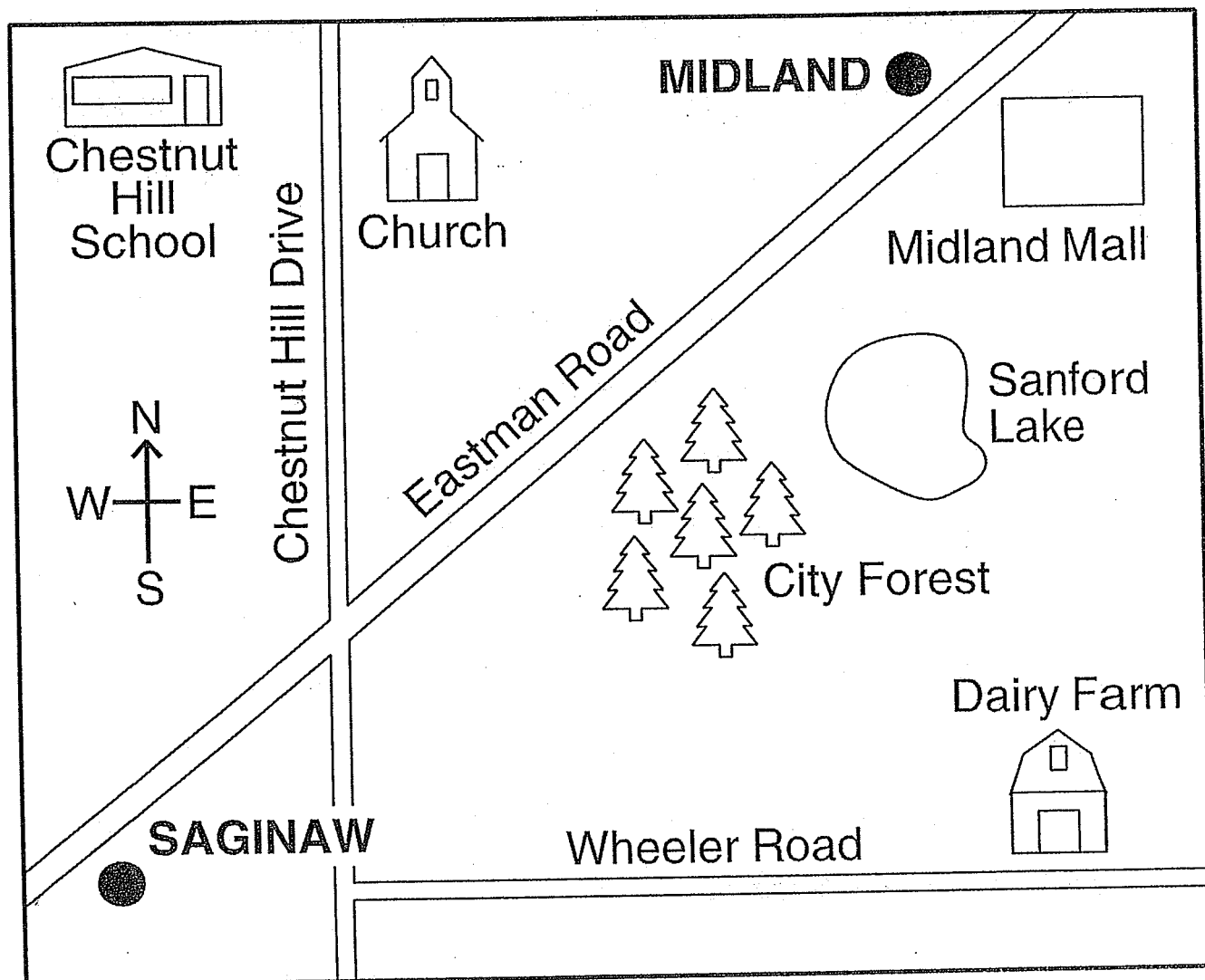
3 Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved.



Name \_\_\_\_\_ Date \_\_\_\_\_

## Practicing Map Skills

Pretend that you are going on a field trip from the school. Use the map of the area to answer the questions.



1. The dairy farm is located on \_\_\_\_\_ Road.
2. The church is N S E W (circle one) of the school.
3. Sanford Lake is N S E W (circle one) of the mall.
4. \_\_\_\_\_ Road runs between Saginaw and Midland.
5. The road which travels in a north/south direction is \_\_\_\_\_.

## Life Science Stories

### Amphibians

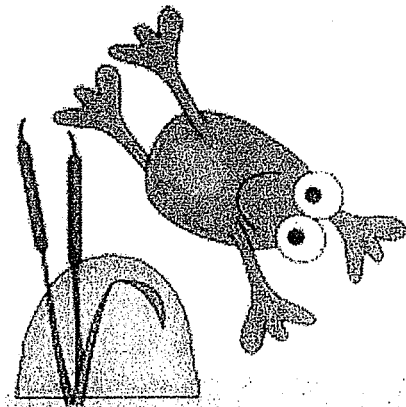
Story by Andrew Frinkle



Amphibians are a kind of animal. Amphibians are always found near water. Frogs, salamanders, newts, and toads are the most common amphibians.

Amphibians are vertebrates, so they have backbones. They have slimy skins, not scales or fur. Amphibians usually breathe air, but some of them can breathe through their skins!

Amphibians often come from eggs. Some, like frogs, can change a LOT after they are born. They can look very different when they grow up. This is called metamorphosis.



# Life Science Stories

NAME: \_\_\_\_\_

## Amphibians

1. Amphibians are a kind of \_\_\_\_\_ .

- ☐ (A) habitat      ☐ (B) people      ☐ (C) animal      ☐ (D) weather

2. Which of these is an amphibian?

- ☐ (A) salamander      ☐ (B) bird      ☐ (C) snake      ☐ (D) fish

3. What kind of skins do amphibians have?

- ☐ (A) feathery      ☐ (B) slimy      ☐ (C) scaly      ☐ (D) furry

4. DEFINITION: an animal with a backbone

- ☐ (A) vertebrate      ☐ (B) habitat      ☐ (C) animal      ☐ (D) weather

5. Amphibians have scales.

- ☐ (A) True      ☐ (B) False

Use  $<$ ,  $>$ , or  $=$  to compare the numbers.Answers

1)  $138$  \_\_\_\_  $140$

1. \_\_\_\_\_

2)  $127$  \_\_\_\_  $124$

2. \_\_\_\_\_

3)  $819$  \_\_\_\_  $821$

3. \_\_\_\_\_

4)  $478$  \_\_\_\_  $860$

4. \_\_\_\_\_

5)  $188$  \_\_\_\_  $189$

5. \_\_\_\_\_

6)  $722$  \_\_\_\_  $473$

6. \_\_\_\_\_

7)  $598$  \_\_\_\_  $958$

7. \_\_\_\_\_

8)  $896$  \_\_\_\_  $986$

8. \_\_\_\_\_

9)  $230$  \_\_\_\_  $232$

9. \_\_\_\_\_

10)  $875$  \_\_\_\_  $785$

10. \_\_\_\_\_

11)  $720$  \_\_\_\_  $720$

11. \_\_\_\_\_

12)  $958$  \_\_\_\_  $598$

12. \_\_\_\_\_

13)  $197$  \_\_\_\_  $917$

13. \_\_\_\_\_

14)  $676$  \_\_\_\_  $679$

14. \_\_\_\_\_

15)  $489$  \_\_\_\_  $346$

15. \_\_\_\_\_

16)  $937$  \_\_\_\_  $843$

16. \_\_\_\_\_

17)  $692$  \_\_\_\_  $692$

17. \_\_\_\_\_

18)  $621$  \_\_\_\_  $261$

18. \_\_\_\_\_

19)  $271$  \_\_\_\_  $441$

19. \_\_\_\_\_

20)  $934$  \_\_\_\_  $357$

20. \_\_\_\_\_

# McCreary County Schools



## Elementary NTI Packet

**DAY 6**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 6  
Reading

### Henry's New Bed

My cat Henry could sleep almost anywhere and anytime. Sometimes I found him curled up in an armchair, or sleeping on a pile of clothes, or napping in my bed. One day my mom told me that it was time for Henry to have a bed of his own.

"Carl, you should make a bed for Henry," Mom said. "I'll help you."

First, we looked for a basket in the basement and found an old laundry basket that we didn't use anymore. Next, we needed something soft for Henry to sleep on. I suggested my pillow, but Mom didn't think that was a good idea. She found some old towels and put them in the basket. I wanted to show the bed to Henry right away, but Mom said that we should put one of his favorite toys in the basket first. I found Henry's toy mouse and put it in the basket.

"Now we need to find a place to put Henry's bed," Mom said.

We decided to put Henry's bed on the floor near my bed. When I showed Henry his new bed, he jumped right in, turned around a few times, and then quickly fell asleep. From then on, we found him in his own bed more often than in mine.

1 What happened right *after* Mom and Carl found the basket for Henry?

- ☐ Henry jumped into the basket.
- ☐ Carl found Henry's toy.
- ☐ Carl found a place for the basket.
- ☐ Mom found some towels.

2 What was the theme in this story?

- ☐ Cats are easier to take care of than dogs.
- ☐ Cats like to sleep in their own beds.
- ☐ Cats like real mice better than toy mice.
- ☐ Cats sleep more than people do.

3 Henry saw his new bed for the first time right *after* Mom and Carl

- ☐ put the towels in the basket.
- ☐ found a basket.
- ☐ looked for a basket.
- ☐ found a place for the bed.

4 Why was it important to put one of Henry's favorite toys in the basket *before* showing him his new bed?

---

---

---

---

---

---

---

---

5 What are the clue words that tell you the sequence of events in this story?

---

---

---

---

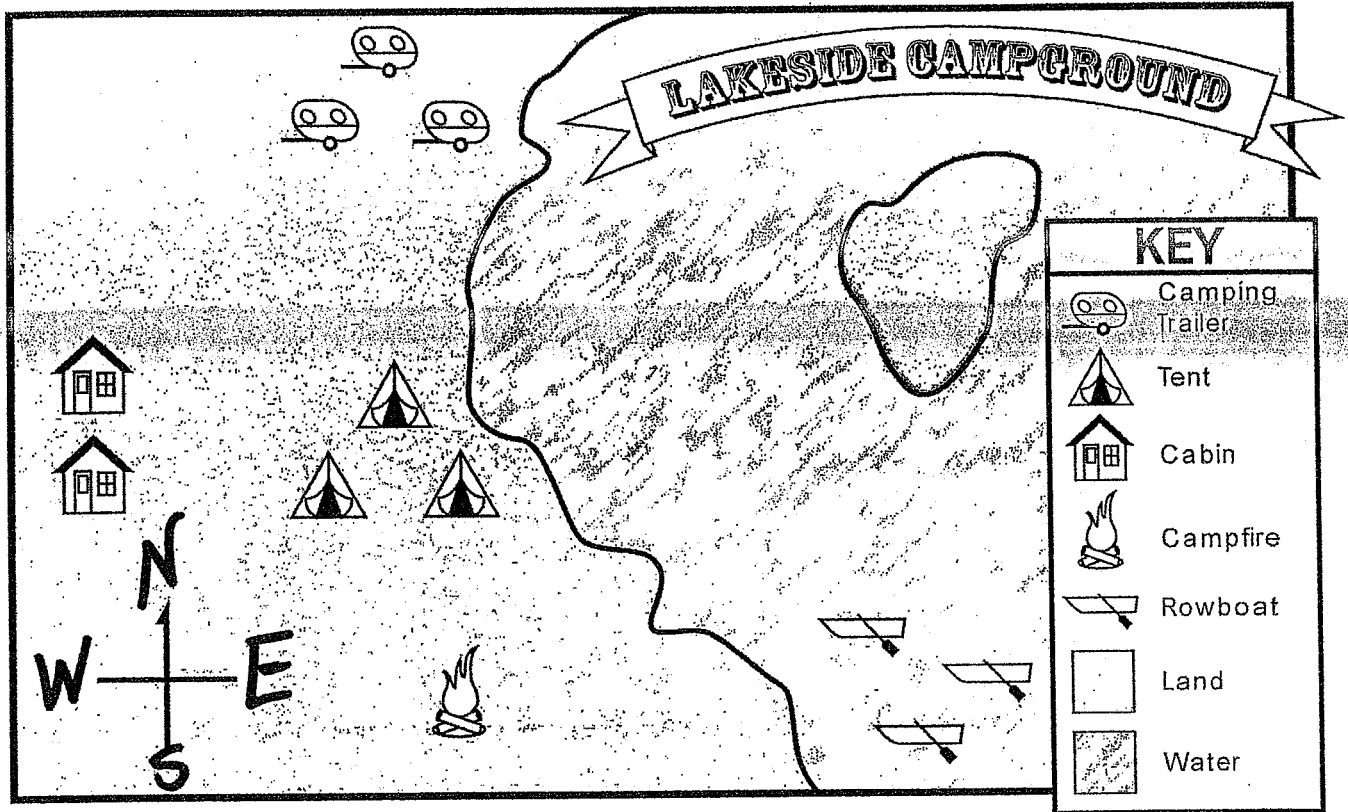
---

---

---

---

# Reading a Map



1. Label **N**, **S**, **E**, and **W** on the compass rose.
2. Color the land **green** and the water **blue**.

Write **north**, **south**, **east**, or **west** to complete each sentence.

3. The rowboats are \_\_\_\_\_ of the campfire.
4. The camping trailers are \_\_\_\_\_ of the tents.
5. The cabins are \_\_\_\_\_ of the tents.
6. The campfire is \_\_\_\_\_ of the camping trailers.
7. The island is \_\_\_\_\_ of the cabins.



# Life Science Stories

## Arctic & Tundra

Story by Andrew Frinkle

Earth has a few very cold habitats. It is very hard for plants and animals to live in these areas.



The Arctic and Antarctic areas are at the top and bottom of our world. These areas are called the North and South Poles. They are covered with ice and snow, but it doesn't rain or snow very often. It does not get warm enough to melt all of the ice. Very few plants or animals can live here.



Tundra and Taiga are near the poles. Snow and ice melts for a month or two. Some plants and trees might grow here during those warmer months.

Animals that live here have to adapt to live here. They might have extra fat to keep them warm. They might migrate or move when it gets too cold. It is a hard life in these areas.



# Life Science Stories

NAME: \_\_\_\_\_

## Arctic & Tundra

1. Earth has a few very cold \_\_\_\_\_.

- ☐ (A) houses      ☐ (B) habitats      ☐ (C) horses      ☐ (D) humans

2. Which of these is a cold habitat?

- ☐ (A) arctic      ☐ (B) jungle      ☐ (C) forest      ☐ (D) desert

3. Which word describes arctic & tundra habitats?

- ☐ (A) rainy      ☐ (B) hot      ☐ (C) humid      ☐ (D) cold

4. DEFINITION: the top and bottom of our world

- ☐ (A) poles      ☐ (B) posts      ☐ (C) spots      ☐ (D) houses

5. These cold habitats are very easy to live in.

- ☐ (A) True      ☐ (B) False

Team	Points Scored
Alpha	
Beta	
Gamma	
Delta	
Epsilon	
Zeta	
Kappa	

- 1) How many more points did Zeta score than Kappa?
- 2) How many teams had less than 29 points?
- 3) Which team scored the fewest points?
- 4) Which team scored the greatest number of points?
- 5) How many fewer points did Delta score than Beta scored?
- 6) How many points did Gamma score?
- 7) Which team had more points? Beta or Alpha?
- 8) Which had fewer points? Gamma or Beta?
- 9) How many teams had more than 50 points?
- 10) Which team scored exactly 10 points?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

# McCreary County Schools



## Elementary NTI Packet

**DAY 7**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 7  
Reading**Makoto's Garden**

Every day after school, Makoto helped her grandmother in the garden. One day

Makoto asked her grandmother if she could have a plant of her own.

Grandmother smiled and said, "First, get a pot and fill it with dirt from the shed."

Makoto came back with a pot filled with dirt. "What's next?" she asked.

Grandmother showed Makoto some packages of seeds.

"What do you want to grow?" she asked.

Makoto chose the tomato seeds. Then her grandmother showed her how to bury the seeds in the dirt and gently water them.

"Now the pot needs to get some sun," said Grandmother.

Turn the page.

Day 7  
Reading

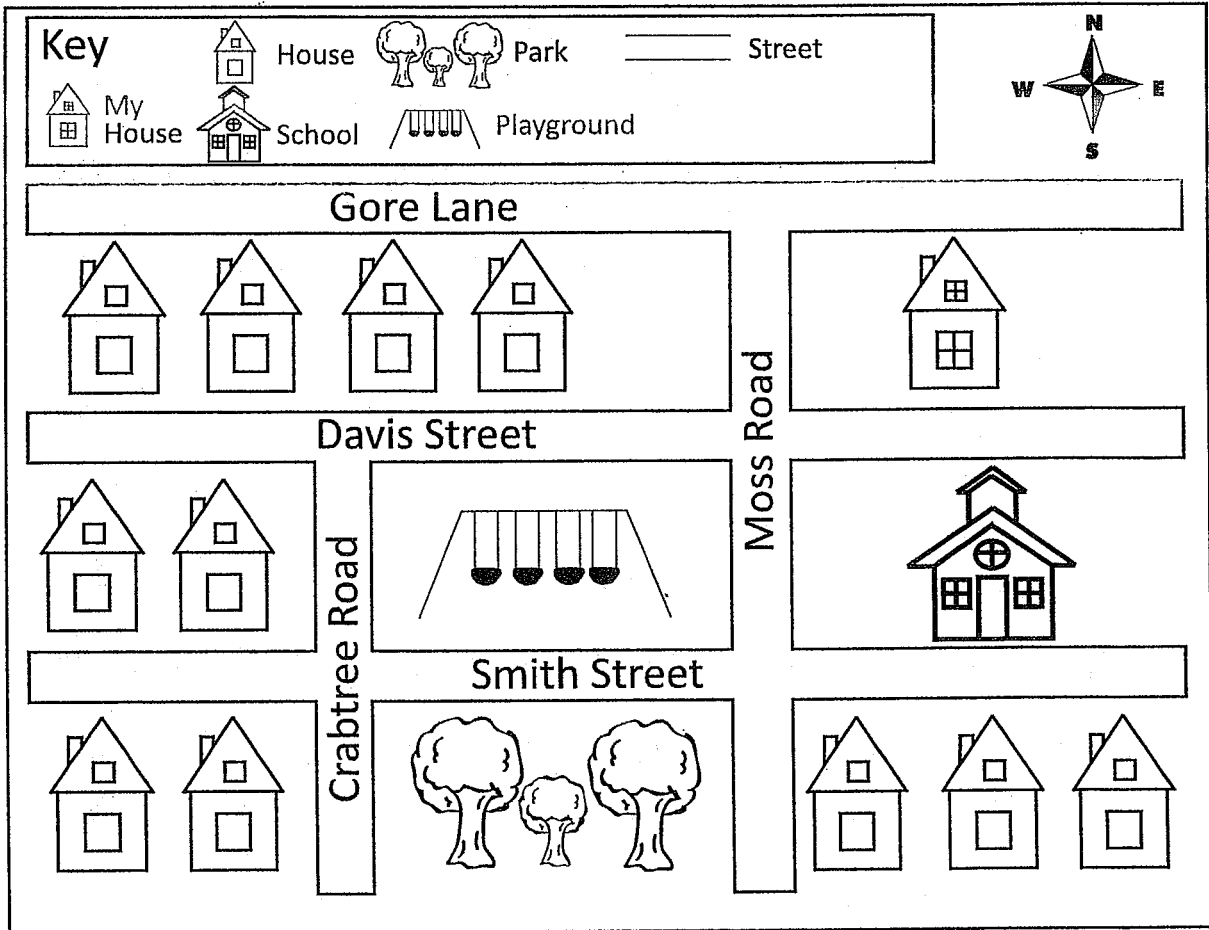
- 



This image shows a single sheet of white paper with horizontal 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 from a notebook or a set of legal pads. There is no handwriting or other markings on the page.

# My Neighborhood

Use the map of the neighborhood below to answer the questions at the bottom of the page.



1. My house is \_\_\_\_\_ of the school. (North, South, East, or West)
2. The \_\_\_\_\_ is south of the playground.
3. To get from my house to the school, you must cross \_\_\_\_\_ Street.
4. The school is \_\_\_\_\_ of the playground. (North, South, East, or West)
5. How many houses are West of Crabtree Road? \_\_\_\_\_
6. How many house are South of Smith Street? \_\_\_\_\_
7. The playground is \_\_\_\_\_ and \_\_\_\_\_ of my house. (North, South, East, or West)
8. The school is \_\_\_\_\_ and \_\_\_\_\_ of the park. (North, South, East, or West)

## Life Science Stories

### Birds

Story by Andrew Frinkle

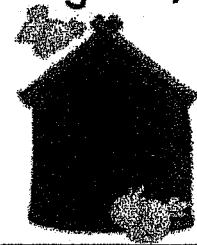
Birds are a kind of animal. Birds can be found all over the world. Sparrows, doves, cardinals, owls, eagles, hawks, chickens, and hummingbirds are some common birds.



Birds are vertebrates, so they have backbones. They are the only kind of animal with feathers. Birds lay eggs. Usually they have a nest for the eggs. Birds have two feet and special arms. They don't have hands or fingers. They have flippers or wings.



Most birds can fly. Birds have feathers, wings, and very light bones to help them fly. They can't be too heavy! Only a few birds, like ostriches or penguins, can't fly.





# Life Science Stories

NAME: \_\_\_\_\_

## Birds

1. Birds can be found all over the \_\_\_\_\_.

- ☐ (A) house      ☐ (B) people      ☐ (C) weather      ☐ (D) world

2. Which of these is a bird?

- ☐ (A) rabbit      ☐ (B) ladybug      ☐ (C) snake      ☐ (D) owl

3. What kind of body covering do birds have?

- ☐ (A) feathers      ☐ (B) slime      ☐ (C) scales      ☐ (D) fur

4. DEFINITION: a body part that helps animals fly

- ☐ (A) foot      ☐ (B) wing      ☐ (C) beak      ☐ (D) eye

5. All birds can fly.

- ☐ (A) True      ☐ (B) False



Determine which pictograph best represents the information in the chart.

Answers

1)

Name	Medals Earned
Olivia	5
Tiffany	30
Mike	40
Frank	50
Roger	15

2)

Name	Medals Earned
Olivia	25
Tiffany	40
Mike	10
Frank	35
Roger	30

3)

Name	Medals Earned
Olivia	30
Tiffany	50
Mike	15
Frank	5
Roger	45

4)

Name	Medals Earned
Olivia	10
Tiffany	25
Mike	20
Frank	30
Roger	40

5)






Name	Medals Earned
Olivia	30
Tiffany	10
Mike	25
Frank	45
Roger	35


6)

Name	Medals Earned
Olivia	5
Tiffany	35
Mike	15
Frank	20
Roger	10



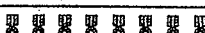


1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_


A)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	






Each  = 5 medal


B)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	




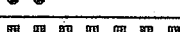
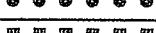
Each  = 5 medal


C)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	




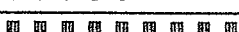

Each  = 5 medal


D)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	


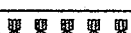

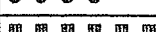

Each  = 5 medal


E)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	

Each  = 5 medal

F)

Name	Medals Earned
Olivia	
Tiffany	
Mike	
Frank	
Roger	

Each  = 5 medal

# McCreary County Schools



## Elementary NTI Packet

**DAY 8**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 8  
Reading**The New Shoes**

When Kimberly came home, her mother said, "I have something for you."

"Wow! What is it?" Kimberly asked excitedly.

Mom drew a pair of new red shoes from behind her back.

"They are beautiful!" said Kimberly. "Thanks, Mom!" Kimberly had wanted new shoes to go with the new dress her grandma had given her for her upcoming violin recital.

Kimberly sat down at the kitchen table to try on the new shoes. She pushed her right foot slowly into the shoe. "Ouch!" she exclaimed. "That pinches. These shoes are too tight."

"That's not possible," Mom said. "They are the same size as your other shoes. Let me have a look."

Mom inspected the new shoes. "You're right, Kimberly. These don't fit well."

"Can we go to the mall right now to get bigger ones?" Kimberly asked.

"Not now, Kimberly. I have to make dinner. We can go tomorrow after school, okay?"

"Okay, I can wait."

"Silly me," said Mom, "buying you shoes without having you try them on first!"

"Don't worry," said Kimberly. "Tomorrow we can exchange them for the right size, and I can use them next week at my violin recital. I'm so thrilled."

Turn the page.

Answer the questions below.

Day 8  
Reading

What happened *first* in this story?

- ☐ Mom gave Kimberly some new shoes.
- ☐ Kimberly tried on the new shoes.
- ☐ Kimberly came home from school.
- ☐ Mom said she had to make dinner.

Where did this story take place?

- ☐ at the shoe store
- ☐ at Kimberly's house
- ☐ at a violin recital
- ☐ at Kimberly's school

What happened *right after* Kimberly said the shoes were too tight?

- ☐ Mom took a closer look at them.
- ☐ Mom said they could go to the store.
- ☐ Kimberly told Mom not to worry.
- ☐ Mom showed Kimberly a new dress.

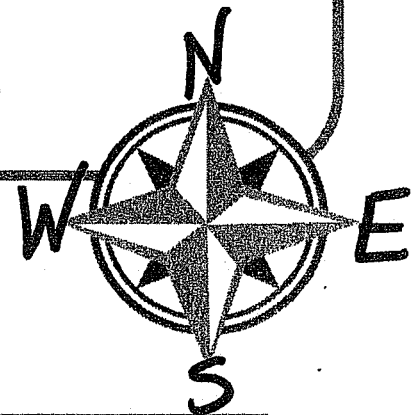
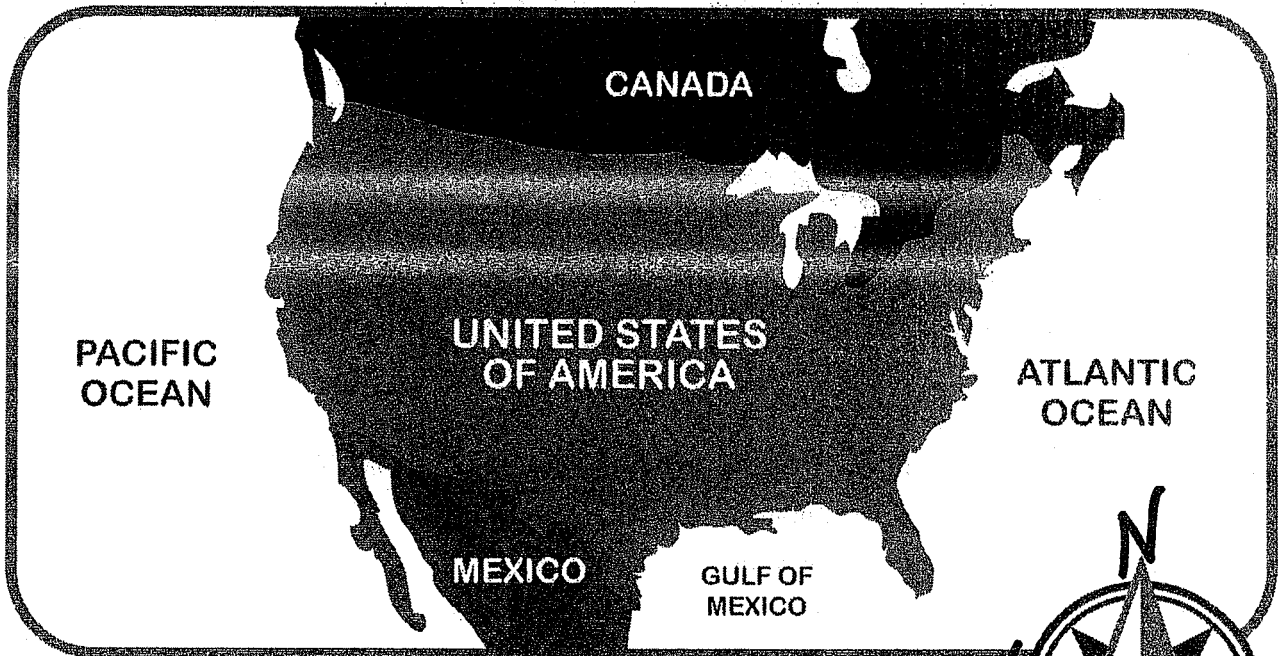
What did Kimberly do that showed you she was patient?

- ☐ She tried on the new pair of red shoes again.
- ☐ She told her mother the shoes were too small.
- ☐ She asked her mother if they could go to the store.
- ☐ She said she could wait to go get bigger shoes.

What would have been the best order of events to buy Kimberly new shoes? Write the events in order from 1 to 4.

3 Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved.

# CARDINAL DIRECTIONS



**LABEL the compass rose with NORTH, EAST, SOUTH, WEST.**  
**Use the compass to answer the questions below.**

1. What Ocean is to the WEST of MEXICO?

2. MEXICO is in what direction of the UNITED STATES OF AMERICA?

3. What country is NORTH of the UNITED STATES OF AMERICA?

4. What Ocean is WEST of the UNITED STATES OF AMERICA?

5. MEXICO is in what direction of CANADA?

6. What is the body of water SOUTH of the UNITED STATES OF AMERICA?

# Life Science Stories

## Forests

Story by Andrew Frinkle



Earth has many kinds of forests. These habitats are filled with different kinds of trees! These trees give animals food, shelter, and oxygen.

Near the North and South Poles, forests are almost all pine trees. These are cold for most of the year. There are some big animals, like snow leopards or caribou, but not too many.



Many forests have leafy trees. These might be more familiar to us. They are filled with oak, maple, and other hardwood trees. Animals like squirrels, wolves, bears, and owls might live in these forests.



There are also rain forests and jungles. These are very humid places. It rains so much in these forests. There might be parrots, monkeys, gorillas, and tigers living in these rainy forests.

## Life Science Stories

NAME: \_\_\_\_\_

### Forests

1. Earth has \_\_\_\_\_ kinds of forests.

- ☐ (A) many      ☐ (B) a few      ☐ (C) no      ☐ (D) two

2. Which of these animals is not found in a forest?

- ☐ (A) whale      ☐ (B) tiger      ☐ (C) bear      ☐ (D) caribou

3. Which word describes ALL forest habitats?

- ☐ (A) trees      ☐ (B) empty      ☐ (C) clouds      ☐ (D) cold

4. DEFINITION: a habitat filled with trees

- ☐ (A) desert      ☐ (B) forest      ☐ (C) mountain      ☐ (D) ocean

5. Rain forests are rainy places.

- ☐ (A) True      ☐ (B) False





Determine which graph goes with which table.

Answers

1)

Color	People
blue	5,000
green	2,000
orange	6,000
yellow	10,000
red	3,000

2)

Color	People
blue	10,000
green	6,000
orange	2,000
yellow	5,000
red	3,000

3)

Color	People
blue	2,000
green	5,000
orange	3,000
yellow	6,000
red	10,000

4)

Color	People
blue	6,000
green	5,000
orange	3,000
yellow	2,000
red	10,000

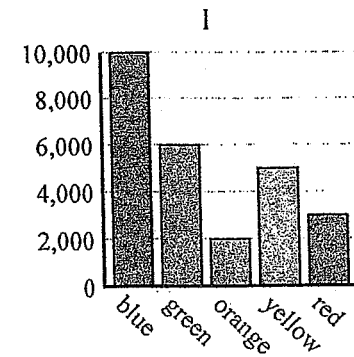
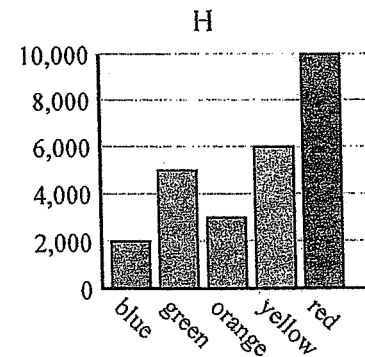
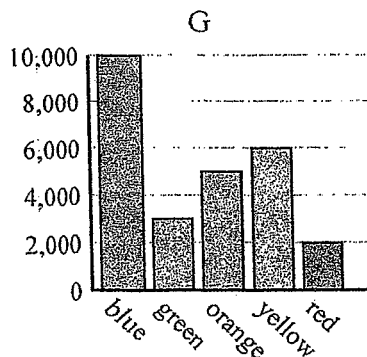
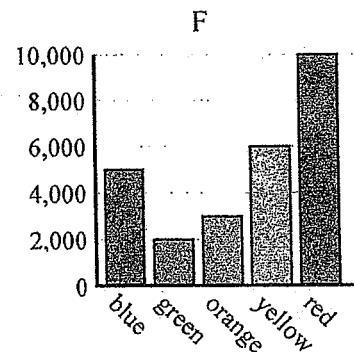
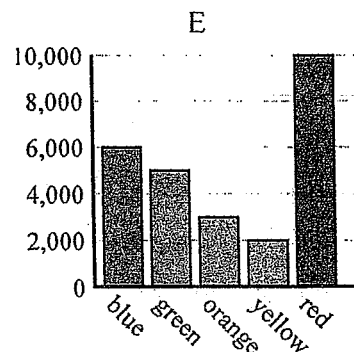
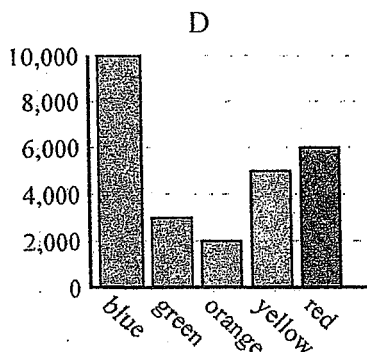
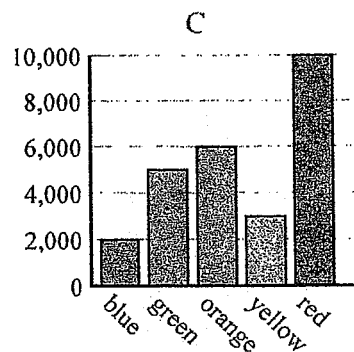
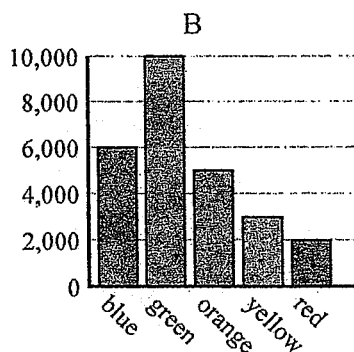
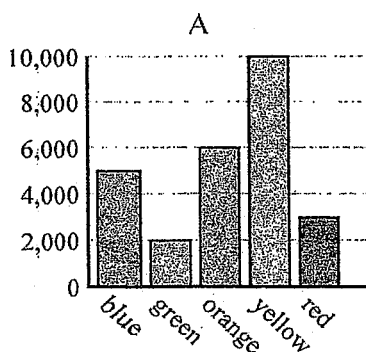
5)

Color	People
blue	10,000
green	3,000
orange	5,000
yellow	6,000
red	2,000

6)

Color	People
blue	5,000
green	2,000
orange	3,000
yellow	6,000
red	10,000

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



# McCreary County Schools



## Elementary NTI Packet

**DAY 9**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 9  
Reading**Basketball Practice**

Benny and Derrick walked to the gym together for basketball practice as they did every Saturday morning. There they found a note from Coach Saba taped to the door. The note said that the coach had been called away and that practice would begin one hour late.

Benny and Derrick did not want to walk all the way back home, so they walked to the bookstore instead. When they got there, the store was closed. They started walking back to the gym, but on the way they met Rafael. The three friends decided to walk to the park.

After walking through the park, the boys headed back toward the gym. On the way, they met Erica who was going to the library. The four friends walked to the library together.

When Benny and Derrick finally got back to the gym, Coach Saba was waiting for them.

"OK, we're going to warm up by running around the gym," he said.

"Oh, no," said Benny. "I feel as if I already ran around the gym at least twice."

And the two friends began to laugh.

Answer the questions below.

Day 9  
Reading

What was the *first* thing Benny and Derrick did in this story?

- ☐ found the note from Coach Saba
- ☐ met Rafael
- ☐ walked to the gym
- ☐ went to the bookstore

What will Benny and Derrick *probably* do now?

- ☐ run around the gym
- ☐ say hello to Erica
- ☐ wait for the coach to get there
- ☐ walk home

Why did Benny feel as if he had already run around the gym?

- ☐ He was upset that practice started late.
- ☐ He had been to the library.
- ☐ He had gotten up early.
- ☐ He had been walking for an hour.

Describe the setting of this story.

---

---

---

---

---

---

---

Tell what Erica *most likely* did at the library. Use sequence words in your answer.

---

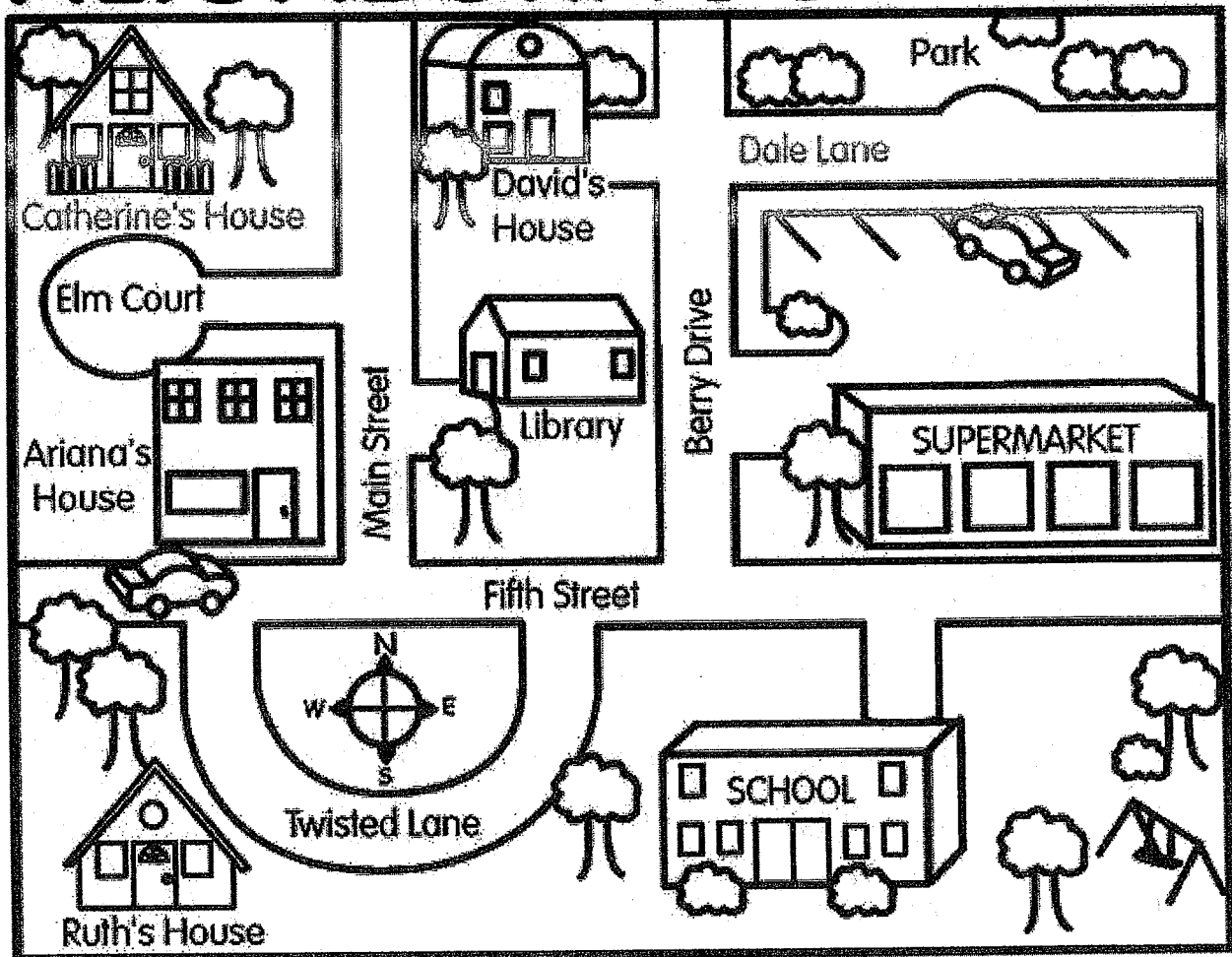
---

---

---

---

# NEIGHBORHOOD MAP



Decorate the map with Crayola® Markers or Colored Pencils. As you follow the directions to discover where Catherine is going, draw a line on each street she walks on. Use the compass rose to help you.

## Directions:

Catherine leaves her house and walks east on Elm Court. She makes a right and heads south on Main Street. When she reaches Fifth Street she turns east. At Berry Drive Catherine walks north. She walks past the supermarket parking lot and makes a left onto Dale Lane. Where is Catherine?

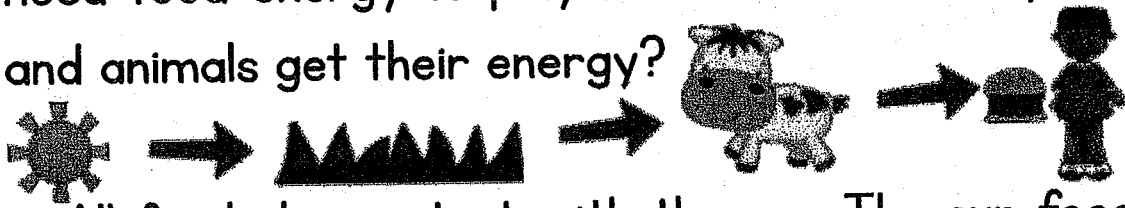
Write down directions from the supermarket to Ruth's house. Who lives across the street from the library?

# Life Science Stories

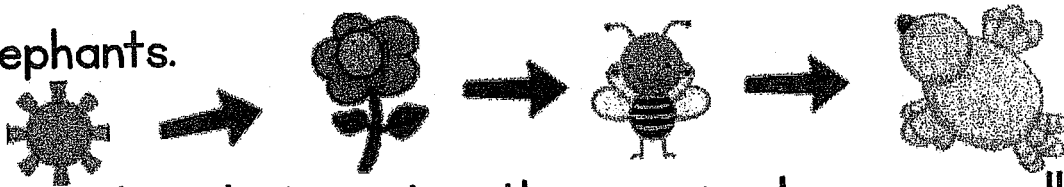
## Food Chains

Story by Andrew Frinkle

Food Chains show how energy moves. When something eats something else, energy moves. We need food energy to play and learn. How do plants and animals get their energy?



All food chains start with the sun. The sun feeds plants. Plants make their own food using the sun, water, and soil. Animals that eat plants are called herbivores. They get their energy from the plants. Herbivores are animals like cows, grasshoppers, and elephants.



Animals that eat other animals are called carnivores. They get their energy from the animals they eat. Carnivores are animals like tigers, owls, sharks, and dragonflies. Some animals eat plants and animals. They are called omnivores. Are you an omnivores?

# Life Science Stories

NAME: \_\_\_\_\_

## Food Chains

1. Food Chains show how \_\_\_\_\_ moves.

- (A) mud      (B) water      (C) energy      (D) bugs

2. Where do all food chains start?

- (A) the moon      (B) the sun      (C) the clouds      (D) the dirt

3. Which of these words is not part of a food chain?

- (A) carnivores      (B) herbivores      (C) omnivores      (D) cookies

4. DEFINITION: things that eat plants and animals

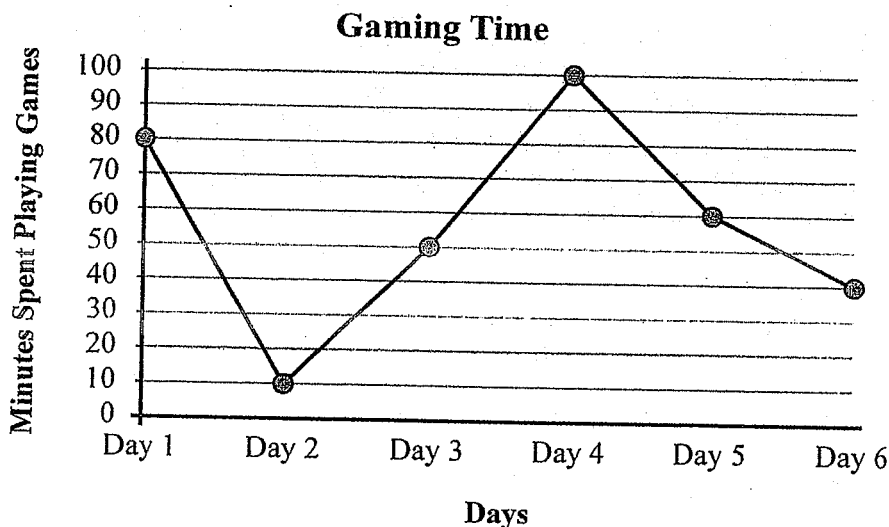
- (A) carnivores      (B) herbivores      (C) omnivores      (D) cookievores

5. Plants get all of their energy from eating animals.

- (A) True      (B) False

The graph below shows the minutes Tommy spent playing video games. Use the graph to answer the questions.

Answers



- 1) Which day did he spend the most time playing games?
- 2) Which day did he spend the least time playing games?
- 3) From Day 2 to Day 3 did the amount of time he spent playing games increase or decrease?
- 4) How many minutes did he play on Day 6?
- 5) How many minutes did he play on Day 5?
- 6) Did he spend more time playing on Day 6 or Day 3?
- 7) Did he spend less time playing on Day 4 or Day 6?
- 8) What is the difference in the amount of time spent playing on Day 6 and the amount spent playing on Day 5?
- 9) What is the total time he spent playing?
- 10) On Day 4 he wanted to play at least 100 minutes. Did he get to or not?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



# McCreary County Schools



## Elementary NTI Packet

**DAY 10**

**Student:** \_\_\_\_\_

Name \_\_\_\_\_

Read the selection. Then answer the questions that follow.

Day 10  
Reading**Frogs and Toads**

Frogs and toads are the same in some ways. They are different in other ways.

Both creatures are found all over the world.

Both frogs and toads begin their lives in water. Later they live on land.

Frogs have smooth skin that is wet. Toads have bumpy skin that is dry. Frogs have teeth, but toads do not. Frogs have long legs that can jump far. Toads have short legs. They mostly walk. Frogs lay eggs in groups. Toads lay eggs in long chains.

Both frogs and toads are fun creatures to study.

Turn the page.

# Day 10 Reading



- ☐ Both creatures are found all over the world.
- ☐ Both frogs and toads are fun creatures to study.
- ☐ Frogs and toads are the same in some ways.
- ☐ They are different in other ways.



- ☐ They both have short legs.
- ☐ They both mostly walk.
- ☐ They both are born in water.
- ☐ They both jump well.



- ☐ how they lay their eggs.
- ☐ where they live as adults
- ☐ how they are seen everywhere
- ☐ where they start life

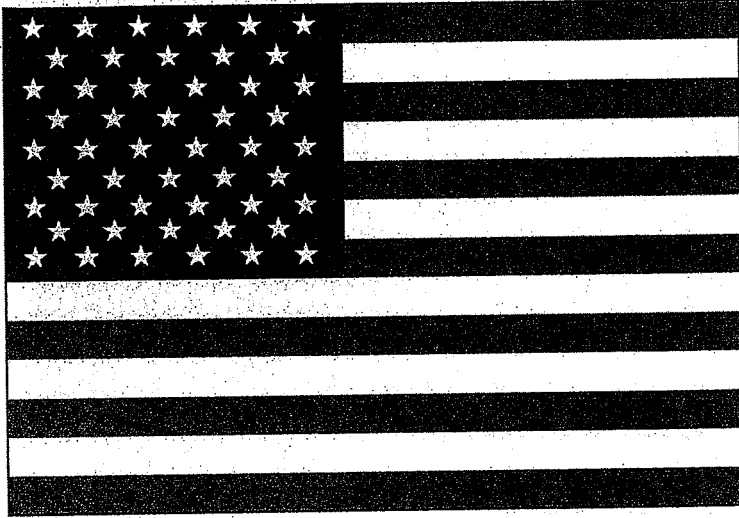
This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# UNITED STATES FLAG FUN FACTS

The flag of the United States consists of thirteen equal horizontal stripes - seven red and six white, with a blue rectangle bearing fifty small, white, five-pointed stars. The fifty stars on the flag represent the fifty U.S. states and the thirteen stripes represent the original thirteen colonies. Nicknames for the flag include the Stars and Stripes, Old Glory, and The Star-Spangled Banner (also the name of the national anthem). The colors of the flag are symbolic as well: Red symbolizes Hardiness and Valor, White symbolizes Purity and Innocence and Blue represents Vigilance, Perseverance and Justice.



Number of Stripes: \_\_\_\_\_

Number of Stars: \_\_\_\_\_

Stars represent: \_\_\_\_\_

Stripes represent: \_\_\_\_\_

Red represents: \_\_\_\_\_

White represents: \_\_\_\_\_

Blue Represents: \_\_\_\_\_

Flag nicknames: \_\_\_\_\_

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

# Life Science Stories

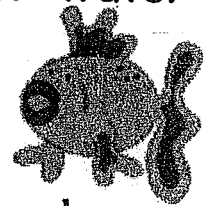
## Fish

Story by Andrew Frinkle

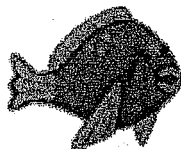


Fish are a kind of animal. Fish can be found in rivers, lakes, swamps, seas, and oceans. Fish always need water to live. Perch, sunfish, bluegill, salmon, trout, and tuna are some common fish.

Fish are vertebrates, so they have backbones. They have scales, just like reptiles. Like reptiles and amphibians, fish are cold-blooded. They get warm or cold depending on how hot or cold the water around them is.



Fish have special body parts to help them live in water. Fish have gills to breathe air from the water. They do not have hands and feet. Instead, they have lots of fins to help them swim. Many fish also have swim bladders so they do not sink.



# Life Science Stories

NAME: \_\_\_\_\_

## Fish

1. Fish have \_\_\_\_\_ to breathe air from the water.

- (A) gills      (B) fins      (C) scales      (D) eyes

2. Which of these is NOT a place you would find fish?

- (A) swamps      (B) lakes      (C) trees      (D) rivers

3. What kind of body covering do fish have?

- (A) feathers      (B) slime      (C) scales      (D) fur

4. DEFINITION: a body part that helps fish swim

- (A) foot      (B) wing      (C) leg      (D) fin

5. All fish need water to live.

- (A) True      (B) False

