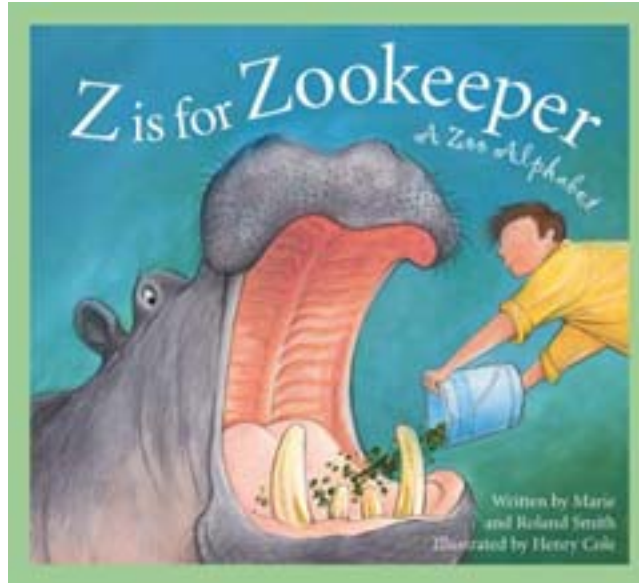


Teacher's Guide



Z is for Zookeeper: A Zoo Alphabet

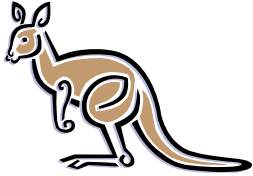
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Cheryl K. Grinn

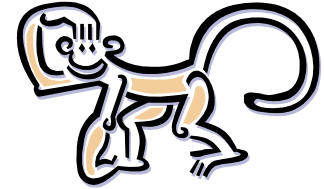
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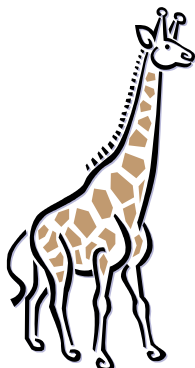
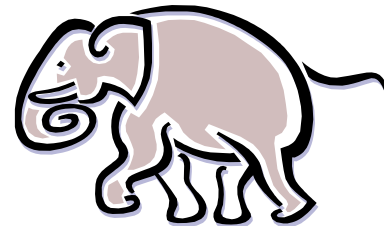
Zookeeper Crossword



Find the solution to this crossword in *Z is for Zookeeper*. Search the entire book to find the answers.

1.				<u>Z</u>	—	—		
2.				<u>O</u>	—	—	—	—
3.				<u>O</u>	—	—	—	—
4.	—	—	—	<u>K</u>	—	—	—	—
5.				<u>E</u>	—	—	—	—
6.				<u>E</u>	—	—		
7.				<u>P</u>	—	—	—	—
8.	—	—	—	<u>E</u>	—	—	—	—
9.				<u>R</u>	—	—	—	—

1. A good place to see animals
2. Used to sweep the cages
3. Sleeping areas for animals at night
4. The only way to transport a giraffe
5. What an incubator hatches
6. What is used to open a lock



7. Monkeys belong to a group called _____
8. Where baby animals are kept
9. Where new animals coming to the zoo are kept

What Does a Zookeeper Wear ?

Many jobs require people to dress in special ways. Think about a chef, a policeman, a nurse, or a fireman; they each wear a special uniform when they perform their jobs. A zookeeper also wears a special uniform. Discover what a zookeeper should and shouldn't wear in *Z is for Zookeeper*.

Circle the clothes a zookeeper should wear.

tennis shoes

flip-flops

boots

blue jeans

uniform

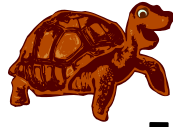
dress pants

pocket knife

necklace

radio

Draw a correctly dressed zookeeper in summer clothes.



Bird, Mammal, or Reptile

Classification

When we group like items together we are classifying them. Animals have groups or classifications. Read about these animals in *Z is for Zookeeper* and put them in their correct classification.

lion

tiger

elephant

polar bear

snake

ostrich

cassowaries

orangutan

emu

giraffe

alligator

penguin

turtle

kangaroo

lizard

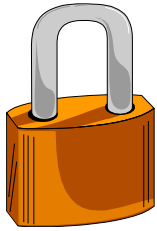
red wolf

BIRD

MAMMAL

REPTILE





Unlock These Math Problems

Z is for Zookeeper is a fun, fact-filled book about zoos and the people who make them work. Read the book to find out the importance of locks and keys.

See if you have the right key to unlock these math problems.

1.
$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

Why is a red lock important to a zookeeper?



S Do You Know?

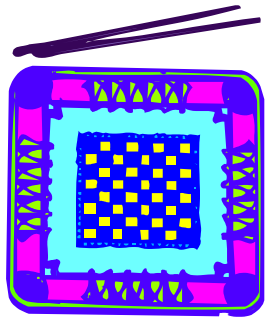
You will learn many interesting facts in the fun-filled book *Z is for Zookeeper*. Search high and low in the book to find the answers to the following questions.

1. Name the smallest snake _____
2. Name the largest type of cat _____
3. Name the smallest type of cat _____
4. What does the word *pachyderm* mean _____
5. How long does a joey live in its mother's pouch _____
6. What do zookeepers call a safety lock _____
7. What do you call a group of penguins _____
8. Who decides the diet of a zoo animal _____
9. What do you call the compost made from animal poop _____
10. Name the person who takes care of the zoo animals _____

Create an Animal!

The zoo is full of wonderful animals. Learn about many of these animals in *Z is for Zookeeper*. Occasionally two different types of animals will mate and create a new animal. For example a lion and a tiger's offspring is a liger.

Choose two animals and create a third animal using parts of both animals. Draw and name your new creature below.



Design a Board Game!

Board games are fun for people of all ages. What's your favorite board game? What makes that game fun? Now you have the chance to design a game that you think would be fun to play. The subject of your game will be the zoo and the zookeeper. You will find information to help you in the book *Z is for Zookeeper*. Use this sheet to brainstorm ideas for your game. Make your final game on a large piece of poster board.

Questions to think about when planning your game.

What is the name of my game?

How many spaces do I want?

What questions will I ask?

Will I have bonus spaces and hazards?

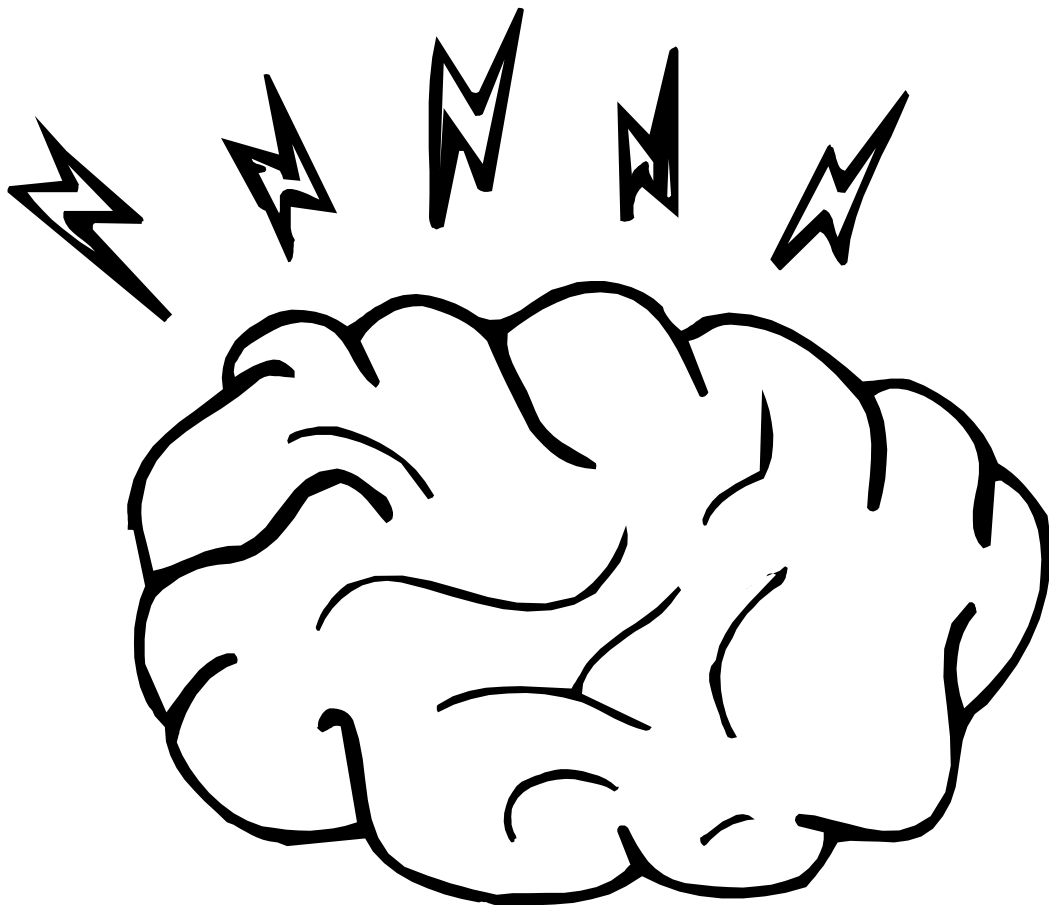
What designs or pictures will I add?

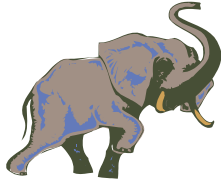
What type of game pieces will I make?

Have a Brainstorm

Zoos are wonderful places to visit. It takes many people to run a zoo. Many of the workers are described in *Z is for Zookeeper*. How can we make the zoo better?

Brainstorm as many ways as you can to make a zoo a better place for animals and people. There are NO bad ideas!





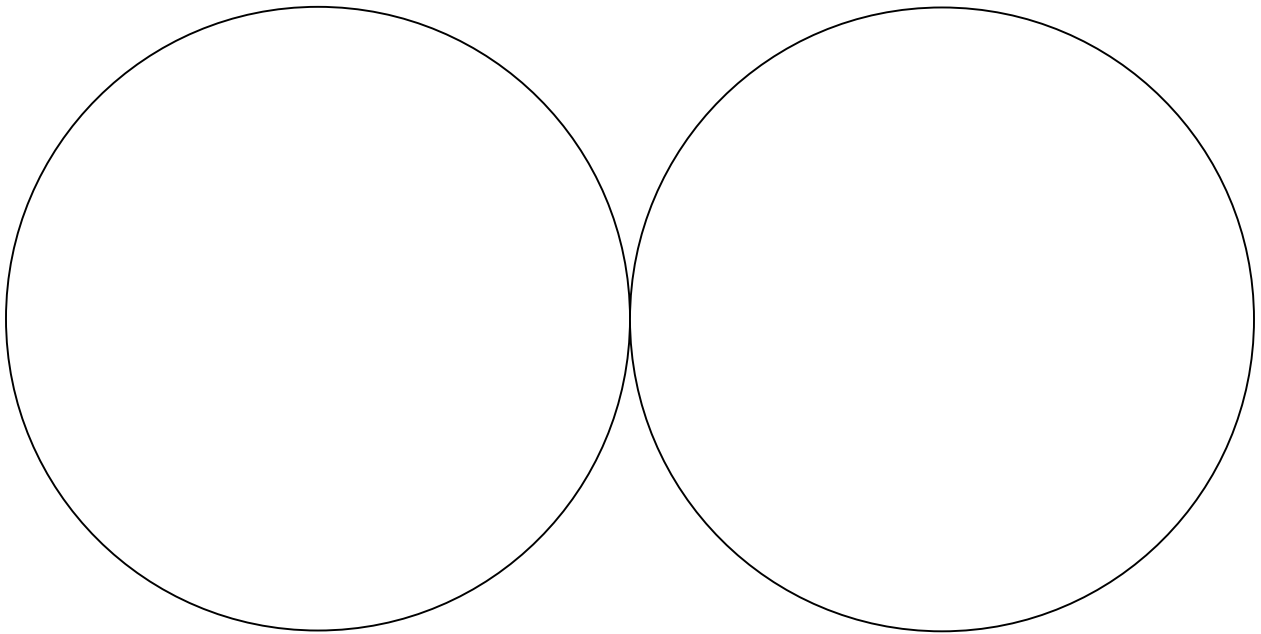
Compare the Elephants

Z is for Zookeeper has information about the two types of elephants. How are they alike? How are they different?

Use this diagram to compare the two types of elephants. Show differences in circles.

African

Asian



List ways they are alike



Design a Classroom Zoo

Students will learn about behind-the-scenes working of a zoo in *Z is for Zookeeper*. After sharing the book with students divide them into teams to build their own zoo exhibits.

After completing the exhibits put your zoo on display. Invite other classes and parents to view the exhibit. Each group should be able to explain their exhibit to visitors.

Design ideas

Each exhibit should be 3-dimensional.

Each should be designed for a specific species.

Each should contain holding areas.

Include a bird aviary.

One group should design the extra buildings (nursery, commissary, offices etc.).

One group should design all of the necessary green areas and public areas.

Don't forget an aquarium.

Specify the size for exhibits so they are fairly uniform.

Don't forget to add animals in each exhibit.

Have students study the animal they are designing the exhibit for and explain why their design meets the need for the animal.





Should Animals Be Performers?

Opinion piece

Write an opinion paragraph stating your position on animal acts. Learn about zoo animals in *Z is for Zookeeper*. Have you ever seen an animal act at the zoo or a park? Do you think this is good or bad for the animals?

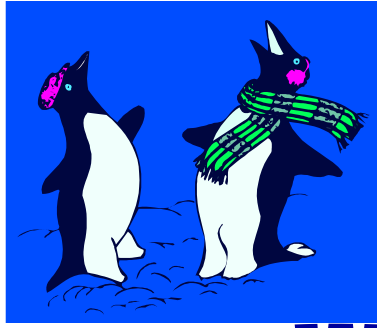
Your opinion paragraph should have at least 5 sentences.

Sentence 1 should state whether you are for or against animal acts.

Sentences 2-4 should give three facts that support your opinion.

Sentence 5 should restate your opinion in a different way.





The Penguins Are Watching Us!

Penguins are social animals. Humans have that in common with them; we are also social animals. Learn some interesting facts about penguins in *Z is for Zookeeper*.

People love to watch the penguins in the zoo. Do you think the penguins like to watch people? Write a conversation between two penguins that are watching you watching them. Be creative! Remember to use quotation marks in the conversation.

We Make the Zoo Run

It takes many people to keep the animals in a zoo safe and healthy. Learn about some of these important people in the book *Z is for Zookeeper*.

Find the following jobs in *Zookeeper* and describe their duties.

1. zookeeper

2. director

3. curator

4. veterinarian

5. zoo nutritionist



Zoo Poetry

A rhymed couplet is a form of poetry that has two lines with the last word in each line rhyming.

Example: I have a sly fox
Who likes to eat lox

Try writing couplets about the zoo. The people and animals that you find there are in *Z is for Zookeeper*.

Write 4 sets of rhymed couplets.

1. _____

2. _____

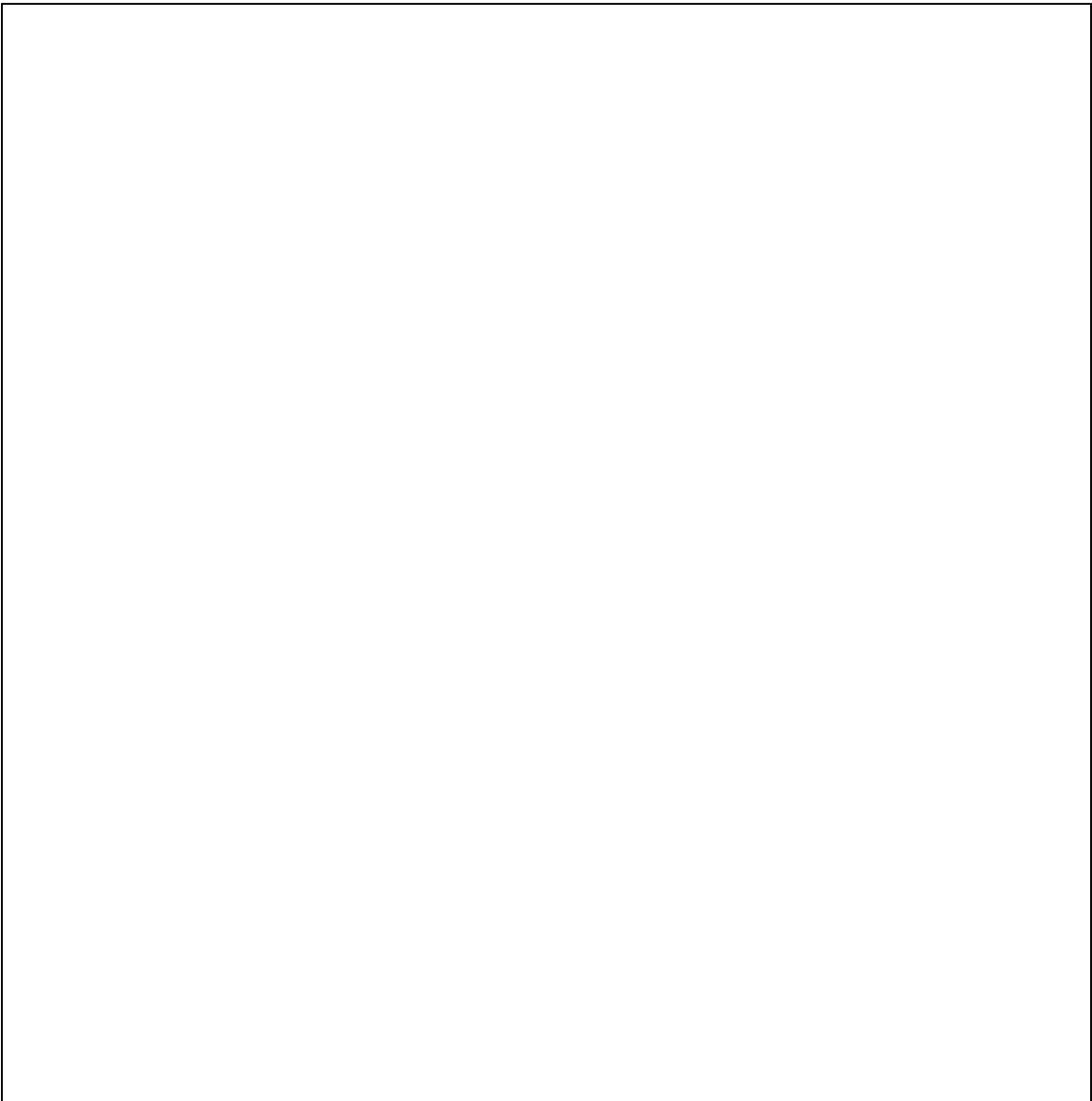
3. _____

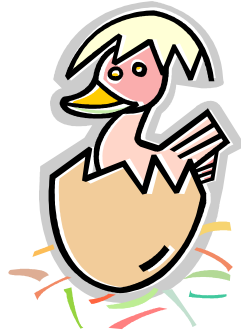
4. _____

Put a star next to your best set of couplets.

Save the Zoo

Why do we need zoos? Is it only for the enjoyment of humans? *Z is for Zookeeper* is filled with important reasons for having zoos. Design a poster explaining to students the importance of the zoo. Make it colorful. Have fun.





Animal Survey

Everyone likes some type of animal, but not everyone likes the same type of animal. Read about the different groups of animals in *Z is for Zookeeper*.

Your task is to survey both your class and a first-grade class to find each person's favorite classification of animals.

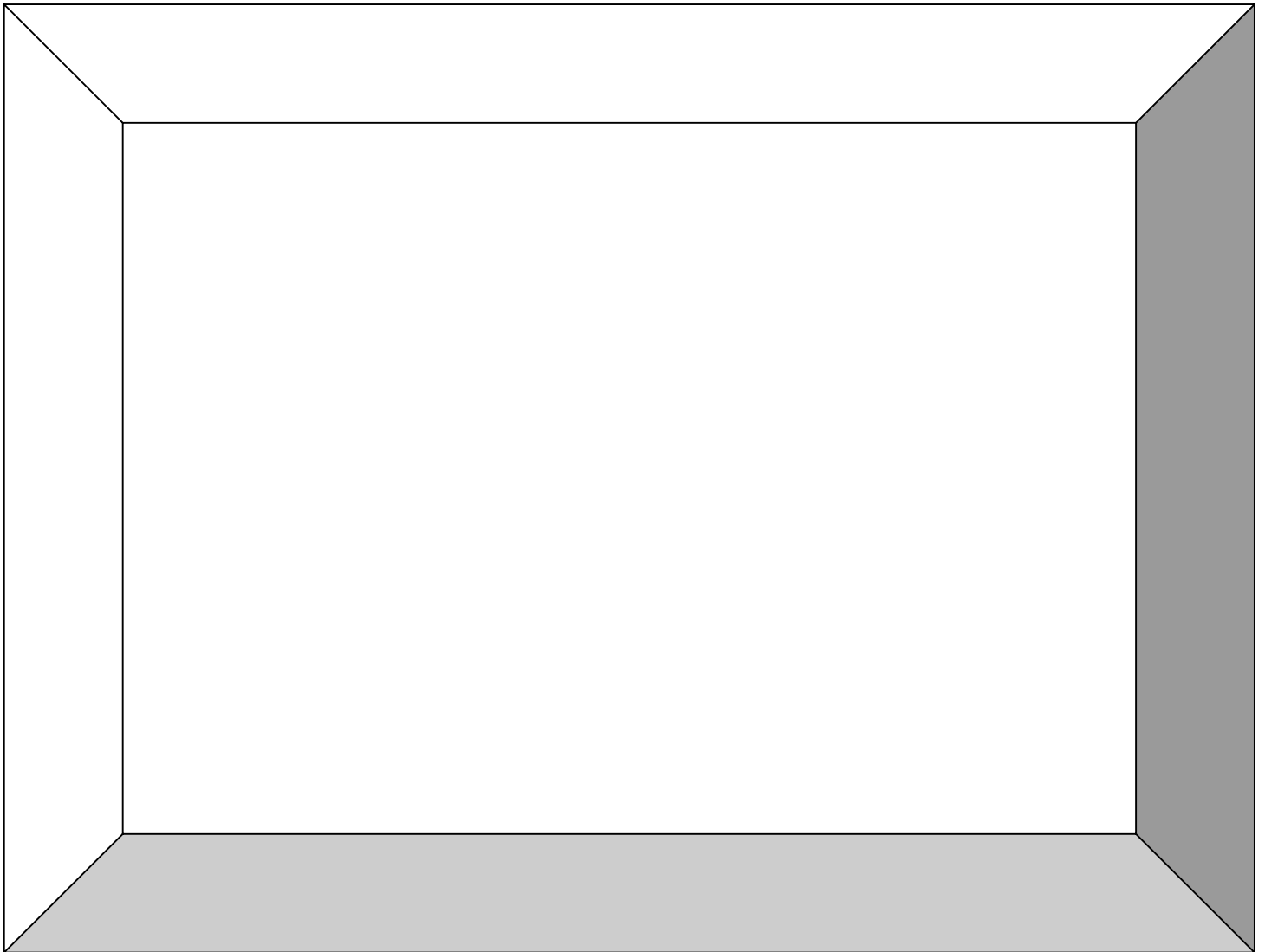
Question– Which of the following groups of animals do you like best?

Mammals **Birds** **Reptiles** **Fish**

Use this data to make a bar graph showing the results. Use one color for your grade and a different color for the first grade.

ZOOKEEPER WANTED !

Throughout the book *Z is for Zookeeper* you will find many tasks that are part of a zookeepers' job. Use this information to design an advertisement for the the job of zookeeper. Describe the responsibilities and the personality needed to be a good zookeeper.



Z is for Zookeeper
Answer Key

Zoo crossword- 1) zoo 2) brooms 3) holding 4) track 5) eggs 6) key
7) primates 8) nursery 9) quarantine

What does a zookeeper wear- boots, uniform, pocket knife, radio

Bird, mammal or reptile- mammals- lion, tiger, elephant, polar bear,
orangutan, giraffe, kangaroo, red wolf **reptiles-**snake, alligator, turtle, lizard
birds- ostrich, cassowaries, emu, penguin

Unlock these math problems- 1) 54 2) 15 3) 64 4) 60 5) 100
6) 42 7) 81 8) 0 9) 70 10) 32
red key opens the safety locks

Do You Know- 1) Texas blind snake 2) tiger 3) rusty spotted cat
4) thick-skinned 5) 5-6 months 6) red lock 7) colony 8) zoo
nutritionist 9) zoo doo 10) zookeeper