

2nd Grade

Day 2

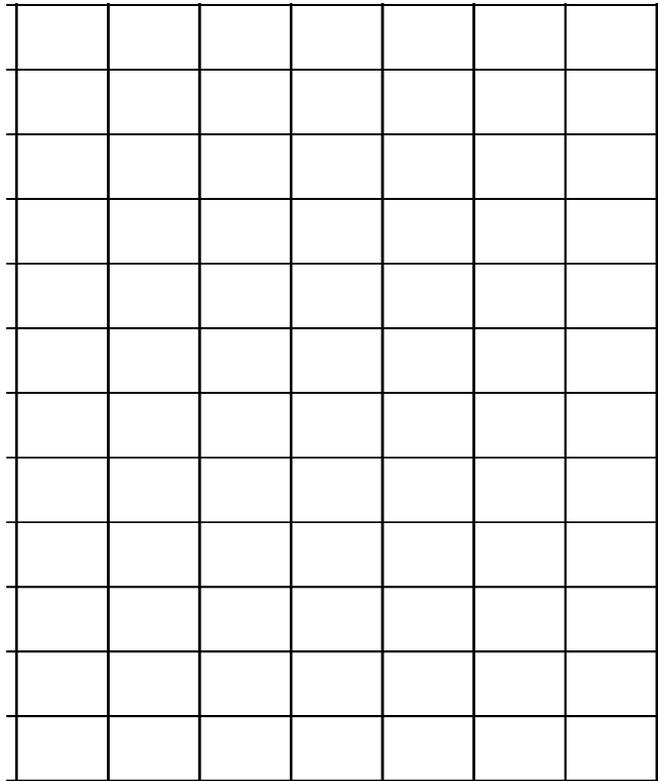
Name _____

Date _____

1. Use grid paper to create a picture graph below using data provided in the table. Then, answer the questions.

Central Park Zoo Animal Classification			
Birds	Fish	Mammals	Reptiles
6	5	11	3

Title: _____



- a. How many more animals are mammals than fish? _____
- b. How many more animals are mammals and fish than birds and reptiles? _____
- c. How many fewer animals are reptiles than mammals? _____

Legend: _____

- d. Write and answer your own comparison question based on the data.

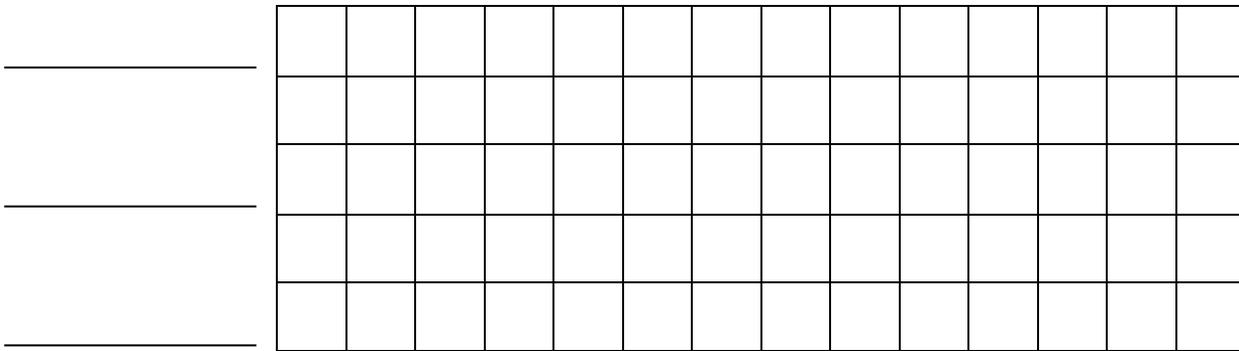
Question: _____

Answer: _____

2. Use the table below to create a picture graph in the space provided.

Animal Habitats		
Desert	Tundra	Grasslands

Title: _____



Legend: _____

- a. How many more animal habitats are in the grasslands than in the desert? _____
- b. How many fewer animal habitats are in the tundra than in the grasslands and desert combined? _____
- c. Write and answer your own comparison question based on the data.

Question: _____

Answer: _____

My Bean Plant

by Rachelle Kreisman



My grandfather loves to grow plants. He raises vegetables and fruits, and he takes great care of all of them. Last week, Grandpa gave me some green bean seeds. Now I can grow my own green bean plant.

I brought my seeds home and showed my mom. She helped me get my green bean project ready. First, we put some soil in a pot. Then we planted a few seeds. I remembered that Grandpa told me that plants depend on water and sunlight to grow. So I put the pot in a sunny spot by the window,

and I added some water.

I checked on my plant every day. When the soil felt dry, I added more water. Today, I saw a tiny stem. The plant is growing! Over the next few weeks, more stems and leaves will grow. Then flowers will grow, too.

What am I most excited about? I cannot wait to eat the beans! I think they will taste even better because I grew them myself.

Name: _____ Date: _____

1. What did Grandpa give to the main character?

- A. some green beans
- B. green bean seeds
- C. a fully-grown bean plant

2. The main character planted the seeds, put the pot in a sunny spot, and added water. What was the effect of these actions?

- A. The soil got dry right away.
- B. A tiny stem grew after some time.
- C. The seeds quickly turned into green beans.

3. Read these sentences from the text.

"I put the pot in a sunny spot by the window, and I added some water.

"I checked on my plant every day. When the soil felt dry, I added more water. Today, I saw a tiny stem. The plant is growing!"

What conclusion can you draw from this evidence?

- A. The main character has taken care of many different plants in the past.
- B. The main character is doing a good job of taking care of the bean plant.
- C. The main character doesn't really care about the bean plant.

4. Read these sentences from the text.

"I cannot wait to eat the beans! I think they will taste even better because I grew them myself."

Why might the main character think the beans will taste even better because he or she grew them?

- A. because the main character normally hates the taste of green beans
- B. because the main character is way better at growing plants than Grandpa
- C. because the main character put work into taking care of the beans

5. What is the main idea of this story?

- A. The main character takes care of a green bean seed and helps it start growing into a plant.
- B. The main character's grandfather loves to grow vegetables, and he takes great care of all his plants.
- C. The main character is excited to eat green beans because they are a tasty vegetable.

6. Read these sentences from the text.

"I remembered that Grandpa told me that plants depend on water and sunlight to grow. So I put the pot in a sunny spot by the window, and I added some water.

"I checked on my plant every day. When the soil felt dry, I added more water. Today, I saw a tiny stem. The plant is growing!"

Based on this text, what does the phrase "depend on" most closely mean?

- A. need
- B. like
- C. change

7. Read these sentences from the text.

"I remembered that Grandpa told me that plants depend on water and sunlight to grow. So I put the pot in a sunny spot by the window, and I added some water."

Now read this sentence about the same information. Then, choose the answer that completes the sentence without changing the meaning from the story.

I put the pot in a sunny spot by the window, and I added some water _____. Grandpa told me that plants depend on water and sunlight to grow.

- A. so
- B. because
- C. but

8. What do plants need so they can grow?

9. What are two things the main character did to the bean plant to help it grow?

10. What would happen to the bean plant if the main character forgot to give it water? Use evidence from the text to support your answer.

Parts of a Seed

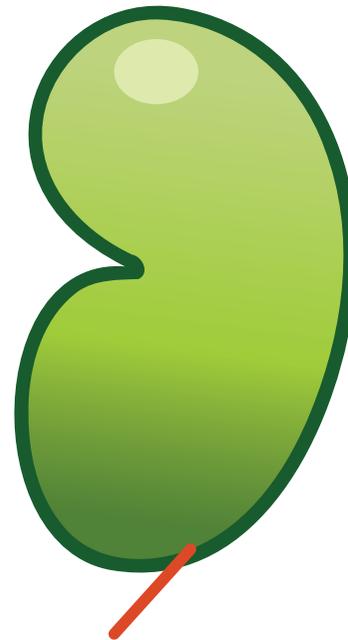
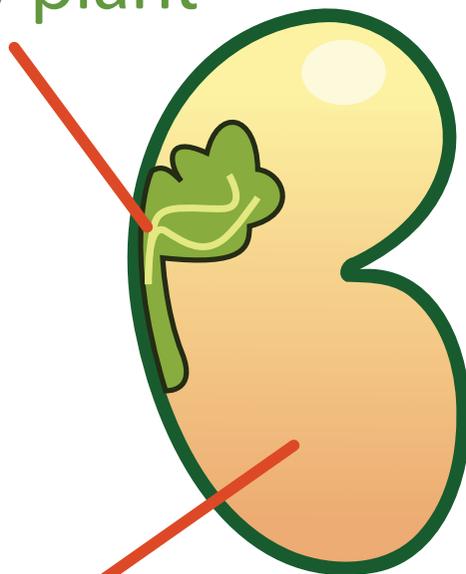


1

A seed is like an egg. It is where a baby plant starts its life. Seeds are found in flowers and fruit. They come in many shapes and sizes. When a fruit falls to the ground, its seeds drop into the soil. Rain helps by pushing the seeds all the way into the soil. Once a seed is in the soil, the baby plant will burst out of its outer seed coat and begin to grow!

baby plant

food



seed coat

Plants grow from seeds. Inside each seed is an *embryo*, or baby plant. The embryo is surrounded by a food storage area. All seeds have a protective outer layer called the *seed coat*, just like an eggshell! Once the baby seed grows out of its coat, it's called a *seedling*. Then the baby seed grows roots to get minerals and water from the soil. As its stems grow, it also sprouts leaves, which will allow it to make its own food from sunlight. The adult plant will grow out flowers and fruits to spread more seeds and start the plant life cycle again.

Ready to test your knowledge? Go to part 2 for a short quiz.



Parts of a Seed



2

Use part 1 to answer the questions. Circle **all** correct answers.

1. Where do plant seeds come from?

- a. stem b. leaves c. fruit d. flowers e. roots

2. What is another name for the baby plant inside the seed?

- a. seed coat b. embryo c. food storage

3. What is the name of the protective layer of the seed?

- a. stem b. leaves c. seed coat d. food storage

4. What do the seed's roots absorb from the soil?

- a. water b. minerals c. sun rays d. dirt

5. What is a baby plant called when it grows out of its coat?

- a. plant b. baby seed c. seedling d. stem

6. What do the leaves of the plant make?

- a. water b. air c. food d. sunlight

7. What do adult plants grow to continue the plant life cycle?

- a. stem b. leaves c. flowers d. fruit

8. What is a seed most like?

- a. an egg b. a baby c. a tree d. an apple

The Old Picture

by Kate Paixão



Jayden found an old picture in his attic. It was a photo of a man wearing a uniform.

Jayden brought the picture downstairs. He showed it to his mom. "Who is this?" Jayden asked.

"That is your great-great-grandfather," said Mom. "His name was William."

"Is he still alive?" asked Jayden.

"No, this picture comes from about one hundred years ago," replied Mom. "He was an American soldier in World War One. That is why he is wearing a uniform in the picture."

"This picture is cool. May I bring it to school?" asked Jayden. "I want to show my friends."

"This picture is old. We do not want it to get lost or ruined. It is part of our family history," said Mom. "We will make a copy of it. You can bring that copy to school."

Name: _____ Date: _____

1. What does Jayden find in his attic?

- A. an American flag
- B. a uniform
- C. an old picture

2. A conflict in this story is that Jayden wants to take a picture to school, but his mom does not want him to take the picture to school. What is the resolution to this conflict?

- A. Jayden and his mom will make a copy of the picture that Jayden can take to school.
- B. Jayden will go back to the attic and look for another picture that he can take to school.
- C. Jayden will draw a picture of his great-great-grandfather and take that to school instead.

3. Jayden likes the picture he finds.

What evidence from the story supports this statement?

- A. "Jayden found an old picture in his attic. It was a photo of a man wearing a uniform."
- B. "Jayden brought the picture downstairs. He showed it to his mom. 'Who is this?' Jayden asked."
- C. "'This picture is cool. May I bring it to school?' asked Jayden. 'I want to show my friends.'"

4. Read this paragraph from the story.

"This picture is old. We do not want it to get lost or ruined. It is part of our family history," said Mom. "We will make a copy of it. You can bring that copy to school."

What can be concluded from this paragraph about the attitude of Jayden's mom toward family history?

- A. Jayden's mom does not want anyone to know her family history.
- B. Family history is important to Jayden's mom.
- C. Family history is not important to Jayden's mom.

5. What is the theme of this story?

- A. war
- B. showing off to friends
- C. family history

6. Read this paragraph from the story.

"This picture is old. We do not want it to get lost or ruined. It is part of our family history," said Mom. "We will make a copy of it. You can bring that copy to school."

Based on this paragraph, what does the word "ruined" mean?

- A. traded or exchanged
- B. badly harmed or destroyed
- C. well protected or safe

7. Choose the answer that best completes this sentence.

Jayden wants to show the picture to his friends _____ he thinks it is cool.

- A. so
- B. because
- C. but

8. Who is in the picture that Jayden finds?

9. Why is Jayden's great-great-grandfather wearing a uniform in the picture?

10. What does the picture Jayden finds have to do with family history? Support your answer with evidence from the story.