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PUBLICATIONS

**2nd grade | Unit 9**



# SCIENCE

# CHANGES IN OUR WORLD

## SCIENCE 209

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## Learn with our friends!



When you see me, I will help your teacher explain the exciting things you are expected to do.



When you do actions with me, you will learn how to write, draw, match words, read, and much more.



You and I will learn about matching words, listening, drawing, and other fun things in your lessons.



Follow me and I will show you new, exciting truths that will help you learn and understand what you study. Let's learn!

# CHANGES IN OUR WORLD



In this workbook, you will learn about some of the many changes in our world. Everything alive changes. Other things, like the weather, change too. You will learn about some things that change quickly, and some things that change slowly.

## Objectives

**Read these objectives.** They will tell what you will be able to do when you have finished this workbook.

1. You will be able to tell someone at least two ways you change as you grow.
2. You will be able to name at least three animals that change and why they change.
3. You will be able to name the seasons of the year and tell important changes.
4. You will be able to give the names of five plants that change for a special reason.
5. You will be able to identify what causes fast and slow changes to land.
6. You will be able to name types of maps.
7. You will be able to identify bodies of water.

## New Words

These words will appear in **boldface** (darker print) the first time they are used.

**album** (al bum). A book for holding family pictures.

**blossoms** (blos soms). Flowers.

**cousins** (cous ins). Children of your aunt or uncle.

**desert** (des ert). Dry, sandy place with very few trees.

**earthquake** (earth quake). Shaking of the earth's crust.

**erosion** (e ro sion). Moving of materials from one place to another.

**fireplace** (fire place). A place built for a fire.

**flocks.** Animals of one kind.

**flood.** Cover land with water.

**freeze.** Turned hard by the cold.

**fresh water** (fresh wa ter). Water that is low in salt.

**gardenia** (gar de nia). Green bush with white flowers.

**hare.** An animal like a rabbit, but larger.

**hurricane** (hur ri cane). Storm with high winds and heavy rain.

**landslide** (land slide). Movement of land down a slope.

**lizard** (liz ard). Animal with four legs and long tail; similar to a snake.

**map.** Drawing of an area showing features.

**melt.** To change; ice becomes water.

**packs.** Presses together.

**physical map** (phys i cal map). Map showing land features.

**robin** (rob in). Brown bird with red chest.

**salt water** (salt wa ter). Water that is high in salt.

**shed.** To lose; get rid of.

**touch.** Put a hand on.

**volcano** (vol ca no).Opening where lava, ash, and gases erupt from.

**weather** (weath er). Rain, wind, snow, heat, cold.

**weathering** (weath er ing). Breaking rock into small pieces.

**welcome** (wel come). Glad to see.

# 1. PEOPLE AND ANIMALS CHANGE

In this section of your workbook, you will study about many things in our world that change. There are reasons why things change. People change because they grow and learn. Animals change to keep safe. Animals also change to keep cool or warm. You will learn with Lee Anne and Lynda how people and animals change.



## Words to Study

**album** (al bum). A book for holding family pictures.

**desert** (des ert). Dry, sandy place with very few trees.

**hare**. An animal like a rabbit, but larger.

**lizard** (liz ard). Animal with four legs and long tail; similar to a snake.

**shed**. To lose; get rid of.

## Special Word

Arizona

Ask your teacher to say these words with you.



Teacher Check

\_\_\_\_\_

Initial

\_\_\_\_\_

Date



## You Change

“Look, Lee Anne,” said Lynda. “See how little you were when you were a baby!” exclaimed Lynda.

Lee Anne smiled. “You were little too, Lynda. Now we are much bigger. What happened?” asked Lee Anne.

“I guess I grew some,” answered Lynda. “We sure have changed!” The girls turned a page in the picture **album** and started to laugh. “Mother, are you sure these pictures are of us?” asked Lynda.

“That’s right,” answered Mother. “It is hard to believe, isn’t it?”

“Say, Lynda, you were a pretty baby,” said Lee Anne. Then she grinned and said, “But you sure didn’t have much hair.”

“But look at you, Lee Anne,” said Lynda. “You had yellow, curly hair. Now your hair is dark. It is not very curly, either. Both of us sure have changed!”



**Circle Yes or No.**

- 1.1** Lee Anne was little when she was a baby.  
Yes                      No
- 1.2** Lynda was a pretty baby.  
Yes                      No
- 1.3** Lee Anne didn't have much hair when she was a baby.  
Yes                      No
- 1.4** The girls looked the same when they were babies as they do now.  
Yes                      No
- 1.5** Lee Anne had curly hair when she was a baby.  
Yes                      No
- 1.6** Do you look the same as you did when you were a baby?  
Yes                      No



**Place an X in front of each right answer.**

**1.7**

Things that have changed since you were a baby are your \_\_\_\_\_ .

\_\_\_\_\_ size

\_\_\_\_\_ face

\_\_\_\_\_ name

\_\_\_\_\_ color of hair

\_\_\_\_\_ color of eyes



“Do you girls know why you have changed so much?” asked Mother.

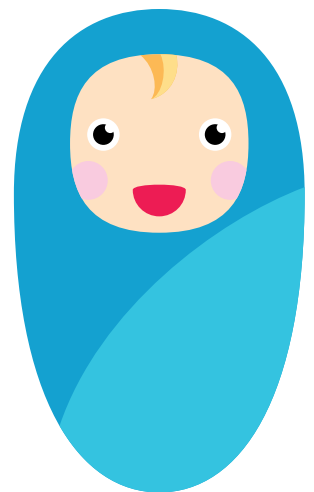
“Well, one reason is because we grew,” said Lynda.

“You are growing up,” said Mother.

“You wouldn’t want to stay a baby always, would you?”

“No way!” answered Lee Anne.

Mother said, “As you get older, you will grow and change. As you run and play, your body gets bigger and stronger. As you eat good food, you grow. As you sleep and rest, you are growing and changing, too.



“When you were a baby, someone had to feed you. As you grew up, you learned to feed yourself.

“When you were a baby, you could not talk. As you grew, you learned to say the sounds you heard. You learned to say words and soon began to talk.

“When you were a baby, you could not walk either. As you played, ate good food, and got lots of sleep, your body grew. Your body got stronger. Soon your legs were strong enough to hold you up. You began to walk.

“You have grown and changed in many ways. When you went to school, you learned many things. Your mind grew. Yes, you have grown and changed in many, many ways,” said Mother.





Finish each sentence with one of these words.

**grow      grew      change      learned**

- 1.8 As you get older, you will \_\_\_\_\_ .
- 1.9 As you eat good food, you \_\_\_\_\_ in many ways.
- 1.10 As you \_\_\_\_\_ up, you learned to feed yourself.
- 1.11 You \_\_\_\_\_ words and began to talk.
- 1.12 As your body got stronger, you \_\_\_\_\_ to walk.
- 1.13 When you went to school, you \_\_\_\_\_ new things.



"I wonder what I will look like when I am as old as Grandma," said Lynda.

"I don't know," answered Mother. "Time will tell. But we do know that it's important to take care of our bodies and minds."

Your body will grow as you get older. Your body will change. Your mind will change, too. You will learn new things as you get older.





**Who said it? Write her name on the line.**

**Lynda**

**Mother**

**Lee Anne**

- 1.14** "See how little you were when you were a baby," exclaimed \_\_\_\_\_ .
- 1.15** "You were a pretty baby," said \_\_\_\_\_ .
- 1.16** "Both of us sure have changed," said \_\_\_\_\_ .
- 1.17** "You are growing up," said \_\_\_\_\_ .
- 1.18** "I wonder what I will look like when I am as old as Grandma," said \_\_\_\_\_ .
- 1.19** "It's important to take care of our bodies and minds," \_\_\_\_\_ said.



**Write the letter of the correct word in each blank to finish the sentence.**

**a. grow**

**b. good**

**c. sleep**

- 1.20** Eating \_\_\_\_\_ food and getting lots of \_\_\_\_\_ can help your body \_\_\_\_\_ .



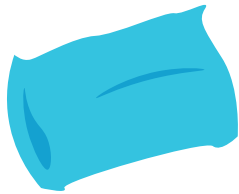
Do this reading activity.

The /ō/ sound in *slow* is spelled with an *ow*.  
In these words, *ow* sounds like /ō/ (long o).

1.21

Add *ow* to these words.

Read these words to your teacher.



pill \_\_\_\_



b \_\_\_\_ l



cr \_\_\_\_



sn \_\_\_\_



thr \_\_\_\_



bl \_\_\_\_



Teacher Check

\_\_\_\_\_

Initial

\_\_\_\_\_

Date



## Animals Change

Lynda and Lee Anne live in Arizona. Sometimes the family goes out in the **desert** for a picnic. The girls like to play on the sand and rocks.

One day, Lee Anne found a **lizard**. "I almost didn't see him," said Lee Anne. "He looked just like a rock, until I saw him move."

The girls found a jar. They poked holes in the lid. They put the lizard in the jar with some grass.

"Put him over there until we eat lunch," said Mother. "I don't want him near the food."

The girls ate their lunch in a hurry and went back to get the lizard. "Look at the lizard! It doesn't look like the same one," said Lynda. "He isn't the same color."

"Lizards can change color," said Mother. "Their skin changes color so they will look like the things around them. Changing color keeps them safe."





# SELF TEST 1

Each answer = 1 point

Put a check (✓) by each right answer.

**1.01** Which words tell how you change as you grow?

\_\_\_\_\_ You copy sounds you hear.

\_\_\_\_\_ You change color.

\_\_\_\_\_ You learn to feed yourself.

\_\_\_\_\_ You change the color of your eyes.

\_\_\_\_\_ Your legs get stronger.

\_\_\_\_\_ You grow taller.

**Answer true or false.**

- 1.02**      \_\_\_\_\_ Both Lynda and Lee Anne changed as they grew older.
- 1.03**      \_\_\_\_\_ As you get older, you will grow.
- 1.04**      \_\_\_\_\_ Animals stay babies forever.
- 1.05**      \_\_\_\_\_ School helps you learn.
- 1.06**      \_\_\_\_\_ People grow from a baby to an adult.
- 1.07**      \_\_\_\_\_ Your mind will stay the same.
- 1.08**      \_\_\_\_\_ Getting enough sleep can help you grow.
- 1.09**      \_\_\_\_\_ The lizard that Lee Anne found looked like a rock.
- 1.010**     \_\_\_\_\_ An animal's coat can change with the seasons.
- 1.011**     \_\_\_\_\_ Sam, the cat, got bigger in the winter because the girls were feeding him more.
- 1.012**     \_\_\_\_\_ Bears sleep most of the winter.

Write a word from the box to finish each sentence.

peace	hare	fur	sleep	reason
grow	ground	safe	bigger	eat

- 1.013** There is a(n) \_\_\_\_\_ why the things in our world change.
- 1.014** As you get older, you will \_\_\_\_\_.
- 1.015** Over time, your body becomes \_\_\_\_\_.
- 1.016** Some animals change color in order to keep \_\_\_\_\_.
- 1.017** Bears \_\_\_\_\_ in the winter.
- 1.018** The \_\_\_\_\_ can have brown and white \_\_\_\_\_ if the \_\_\_\_\_ is different colors.



Teacher Check

\_\_\_\_\_  
Initial Date



**My Score**



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CS0209 - Jun '19 Printing

ISBN 978-0-7403-3959-2



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