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**2nd grade | Unit 3**



# SCIENCE

# ANIMALS

## SCIENCE 203

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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!

# ANIMALS



You have learned that plants are much like people. You need food and sunlight, and so do plants. Now you are going to learn that animals are much like people, too. Animals and people are able to know what is going on around them. Animals and people try to tell others about what is going to happen. Both animals and people try to stay clean. There are many kinds of animals. Animals live in many different places. All of them need food. All animals need to be safe. All of them have a need to **survive**.

## 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 how animals are alike.
2. You will be able to tell how animals are different.
3. You will be able to tell what animals need to live.
4. You will be able to tell how animals live in different places.

## New Words

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

**beautiful** (beau ti ful). Very pretty.

**breathe**. To draw air in and out.

**climate** (cli mate). Pattern of weather that happens for a long time.

**communicate** (com mu ni cate). To send messages.

**flavor** (fla vor). The taste of something.

**instinct** (in stinct). Knowing how to do something without learning how to do it.

**keen**. Very sharp.

**microscope** (mi cro scope). Something used to see very small parts.

**neither** (nei ther). Not this one nor that one.

**odor** (o dor). A smell.

**oxygen** (ox y gen). A gas that all living things need to live.

**quill**. The hard, pointed hair of a porcupine.

**secret** (se cret). Something only a few people know.

**sense**. A way of knowing about the world.

**special** (spe cial). Something that is different.

**survive** (sur vive). To stay alive.

**taste**. To know the flavor of something.

**thirty** (thir ty). Three times ten.

**touch**. To feel something.

# 1. HOW ANIMALS ARE ALIKE

Animals look so different. Yet animals are much alike. All animals have **keen senses**. The senses are sight, smell, hearing, **taste**, and **touch**. Senses help animals to know what is going on around them.

Can you smell water that is **thirty** miles away? No—but cattle can.

Can you see a mouse a mile away? No—but an eagle (ea gle) can.

A keen sense helps an animal to take care of itself. When an animal can take care of itself, the animal can stay alive. That animal can **survive**. Both people and animals have a need to survive.

## Words to Study

**beautiful** (beau ti ful). Very pretty.

**communicate** (com mu ni cate). To send messages.

**flavor** (fla vor). The taste of something.

**keen**. Very sharp.

**odor** (o dor). A smell.

**sense**. A way of knowing about the world.

**survive** (sur vive). To stay alive.

**taste**. To know the flavor of something.

**thirty** (thir ty). Three times ten.

**touch**. To feel something.

Ask your teacher to say these words with you.



Teacher Check

Initial

Date

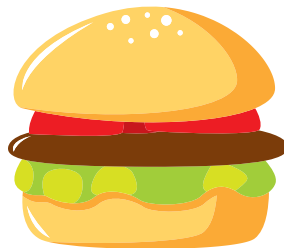
# Animals Have Keen Senses

You have five senses. You can smell and taste, see and hear, and touch. You can smell **odors** with your nose. You can smell hamburgers cooking. You can taste good food in your mouth. You can taste the **flavor** of ice cream.

You can see with your eyes. You can see the **beautiful** world around you.

You can hear with your ears. You can hear sounds and music.

You can touch with your hands. You can feel a soft kitten and a fuzzy dog.







**Print each word under the sense you would use to find out about the word.** Some words fit under more than one sense.

bells	cupcake	roses	lemonade
rain	smoke	trees	velvet
cactus	horns	sun	wet socks

**Smell**

**Taste**

**See**

**Hear**

**Touch**

1.1

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Look around you. You can see things. You can hear noises. Can you smell anything? **Add words to the lists you just wrote of things that are near you right now.** Put at least three words under each sense.



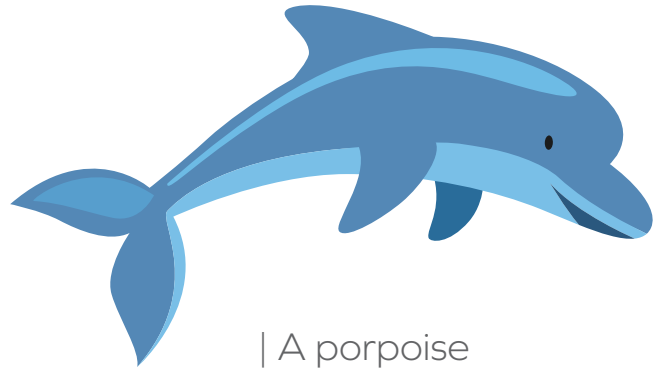
Teacher Check \_\_\_\_\_  
 Initial                      Date

You have five senses, but some animals don't have all five senses.

Each animal has senses that they use to survive.

An animal may have a very keen sense to use when another sense is not used.

A porpoise (por pus) cannot smell. But a porpoise can hear very well.



| A porpoise

A snake cannot taste. But a snake has a keen sense of smell. Both nasal openings and the tongue carry odors to organs that sense smell.

Moles do not see in their underground homes. But moles have a keen sense of touch.

Fish have a keen sense of taste. They need to know if they are eating safe food.

A dog has a keen sense of smell. A dog can hunt for lost people by smelling where the people have been.



| Dogs have a keen sense of smell.



**Print the words in the right blanks.** They will tell which sense Bob used as he came to dinner.

see

smell

feel

hear

taste

1.2

Bob could \_\_\_\_\_ his mother call to him.

He picked up the kitten. He could \_\_\_\_\_

the soft fur. He ran with the kitten into the house.

He could \_\_\_\_\_ the odor of his best dinner.

He could \_\_\_\_\_ the food on the table.

He could hardly wait to \_\_\_\_\_ the good dinner.



**Print these words in the right blanks.**

survive

senses

keen

1.3

Animals have keen \_\_\_\_\_ to help them survive.

1.4

The word \_\_\_\_\_ means sharp.

1.5

To \_\_\_\_\_ means to stay alive.

# Animals Communicate

You talk to your friends, and they speak to you. You write letters, texts, or e-mails, and you call people on the phone. All of these things you do are ways that you **communicate** with other people.

Did you know that animals communicate with other animals? They can't send letters, but the beaver (bea ver) does send a message without speaking. A beaver makes a mud pie, which he leaves on the bank of a pond. The pie is a way of telling other beavers that a beaver lives near.

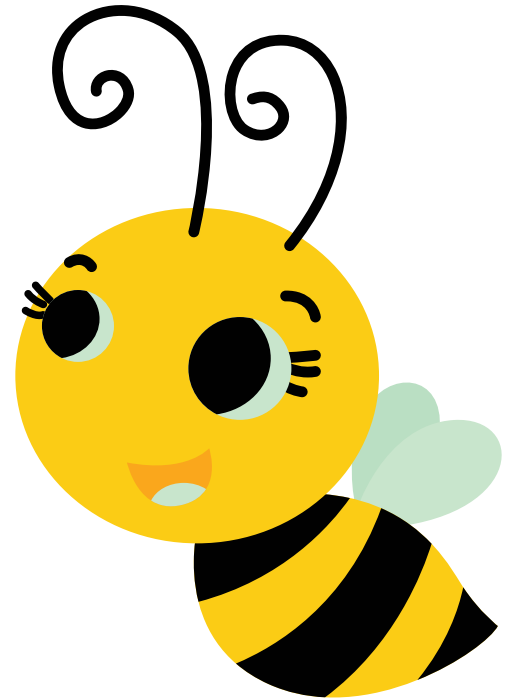
Bees dance to communicate with other bees. The dance tells the bees in the hive that food is near.

When an animal growls at a man, that animal is saying, "Keep away."

A young animal cries when he is lost. He is calling to his mother. He wants his mother to find him.

Dolphins (dol phins) make many noises to communicate with other dolphins. They squeak and click. They grunt and groan. They hiss and whistle. These sounds are ways to communicate.

Yes, animals are like people when they communicate with each other.



| Bees dance to tell other bees where food is.



**Try to remember what you have learned about animals.**

Circle the word that will make the sentence right.

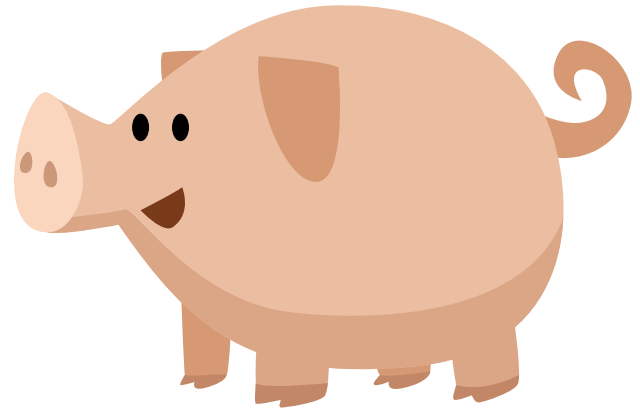
Then write the word in the blank.

- 1.6** Animals with a keen sense of sight are \_\_\_\_\_ .  
 bats                      cattle                      eagles
- 1.7** Animals with a keen sense of smell are \_\_\_\_\_ .  
 dogs                      moles                      porpoises
- 1.8** Animals with a keen sense of hearing are \_\_\_\_\_ .  
 bats                      fish                      porpoises
- 1.9** Animals with a keen sense of taste are \_\_\_\_\_ .  
 snakes                      moles                      fish
- 1.10** Animals with a keen sense of touch are \_\_\_\_\_ .  
 dogs                      moles                      cattle

## Animals Try to Be Clean

You like to be clean. It feels good to be clean and to wear clean clothes.

Animals like to be clean, too. Even pigs will stay clean if their pens are kept clean.

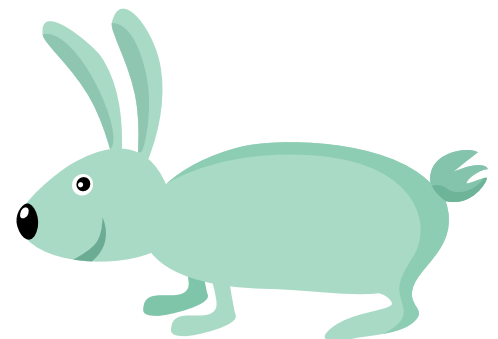
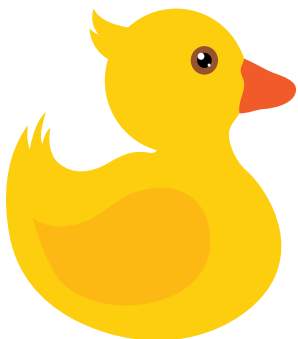


Some animals take baths in mud or dirt. They use mud or dirt to rub off insects that get on their skin.

Animals with feathers must stay clean or they will not be able to fly. Ducks can't float if their feathers are dirty.

You have seen a cat try to stay clean by licking the fur. Not only cats lick their fur. Squirrels and rabbits lick their paws to clean their fur, too.

Watch for animals who are trying to stay clean. You now know that people and animals are alike when they try to stay clean.





**Study the long e sound.** The long /e/ sound is heard in many words. Sometimes these words have /ee/ in them. Other times /ea/ may be in a word. All the following words have the long /e/ sound. Write the word with the long /e/ sound in the space. Think about what you have read about animals.



**Print the right word in the blank in each sentence.**

neat	bees	each	need	feel
eagle	keen	beaver	clean	squeak

- 1.11** Dolphins will \_\_\_\_\_ to communicate.
- 1.12** An animal has a \_\_\_\_\_ to survive.
- 1.13** The \_\_\_\_\_ has a keen sense of sight.
- 1.14** Animals try to keep \_\_\_\_\_ .
- 1.15** A(n) \_\_\_\_\_ will make a mud pie for a signal.
- 1.16** The \_\_\_\_\_ dance to signal that food is near.



**Draw lines to match the sense to the right meaning.**

- |             |                      |   |   |       |
|-------------|----------------------|---|---|-------|
| <b>1.17</b> | sniffing odors       | ▶ | ◀ | taste |
| <b>1.18</b> | knowing the flavor   | ▶ | ◀ | see   |
| <b>1.19</b> | feeling something    | ▶ | ◀ | hear  |
| <b>1.20</b> | knowing the sound    | ▶ | ◀ | touch |
| <b>1.21</b> | looking at something | ▶ | ◀ | smell |



**Before you take the Self Test, study what you have read and done.** The Self Test will check what you remember.



# SELF TEST 1

Each answer = 1 point

**Print the answers in the blanks.** Use these words to fill in the blanks. These words may be used more than once.

taste	hearing	senses	smell	clean
five	touch	sight	communicate	

- 1.01** Most people are born with \_\_\_\_\_ senses.
- 1.02** People and animals have \_\_\_\_\_ that help them to know what is happening around them.
- 1.03** Both animals and people \_\_\_\_\_ with each other.
- 1.04** Both animals and people try to stay \_\_\_\_\_ .
- 1.05** Animals have \_\_\_\_\_ that help them survive.
- 1.06** You use the sense of \_\_\_\_\_ to feel something soft.
- 1.07** You use the sense of \_\_\_\_\_ to hear a bird singing.
- 1.08** You use the sense of \_\_\_\_\_ to see a sunset.
- 1.09** You use the sense of \_\_\_\_\_ to enjoy ice cream.
- 1.010** You use the sense of \_\_\_\_\_ to know that dinner is cooked.

Print one of these words in each blank.

feel

smell

taste

hear

see

- 1.011** Jenny came home from school.  
 She could \_\_\_\_\_ the odor of her best dinner.  
 She could \_\_\_\_\_ the food on the table.  
 Then she could \_\_\_\_\_ her father call to her.  
 She held the cat in her arms. She could \_\_\_\_\_  
 the soft fur.  
 As she ate her dinner, Jenny could \_\_\_\_\_ the  
 food.



Teacher Check

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



**My Score**



TM

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