

GRADE  
**2**

# SCIENCE

## Graphic Organizers





# Table of Contents

Introduction .....	1
1. What is Science? - Graphic Organizer/Assessment Quiz .....	2
2. All About Plants - Graphic Organizer/Assessment Quiz.....	4
3. All About Animals - Graphic Organizer/Assessment Quiz.....	6
4. Land Habitats - Graphic Organizer/Assessment Quiz.....	8
5. Water Habitats - Graphic Organizer/Assessment Quiz .....	10
6. How Living Things Grow & Change - Graphic Organizer/Assessment Quiz .....	12
7. How do plants & animals live together? - Graphic Organizer/Assessment Quiz.....	14
8. Birds & Mammals - Graphic Organizer/Assessment Quiz.....	16
9. Reptiles, Amphibians & Fish - Graphic Organizer/Assessment Quiz .....	18
10. Energy Needs - Graphic Organizer/Assessment Quiz.....	20
11. Earth's Weather - Graphic Organizer/Assessment Quiz .....	22
12. The Sun & Earth - Graphic Organizer/Assessment Quiz .....	24
13. Moon, Stars & Planets - Graphic Organizer/Assessment Quiz .....	26
14. Life on Earth - Graphic Organizer/Assessment Quiz .....	28
15. Rocks, Soil & Water - Graphic Organizer/Assessment Quiz.....	30
16. Fossils & Dinosaurs - Graphic Organizer/Assessment Quiz.....	32
17. Saving Natural Resources -Graphic Organizer/Assessment Quiz.....	34
18. Forces & Machines - Graphic Organizer/Assessment Quiz.....	36
19. Matter All Around - Graphic Organizer/Assessment Quiz .....	38
20. Sound & Light - Graphic Organizer/Assessment Quiz.....	40
21. All About Magnets - Graphic Organizer/Assessment Quiz.....	42
22. Science in Our World - Graphic Organizer/Assessment Quiz .....	44
23. Lab Skills & Science Inquiry - Graphic Organizer/Assessment Quiz.....	46
24. Math in Science - Graphic Organizer/Assessment Quiz .....	48
25. Did you know? - Graphic Organizer/Assessment Quiz .....	50
ANSWER KEY.....	52



Phone: 800-507-0966

Fax: 800-507-0967

[www.newpathlearning.com](http://www.newpathlearning.com)

ISBN 978-1-63212-079-3

NewPath Learning® Products are developed by teachers using research-based principles and are classroom tested. The company's product line consists of an array of proprietary curriculum review games, workbooks, charts, posters, visual learning guides, interactive whiteboard software and other teaching resources. All products are supplemented with web-based activities, assessments and content to provide an engaging means of educating students on key, curriculum-based topics correlated to applicable state and national education standards.

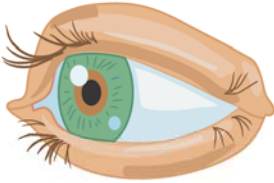



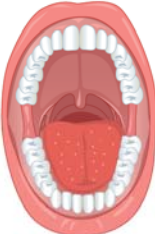
Copyright © MMXIV New Path Learning. All Rights Reserved.

Printed in the United States of America.

# 1. What is Science?

When studying things like plants, animals and rocks, scientists use their **senses**.

Fill in the **ACTION** you do with each of the listed body parts.

Body Part	ACTION you do with the body part
<p data-bbox="136 625 237 667"><b>Eyes</b></p> 	<hr/> <hr/>
<p data-bbox="136 898 237 940"><b>Nose</b></p> 	<hr/> <hr/>
<p data-bbox="136 1171 237 1213"><b>Ears</b></p> 	<hr/> <hr/>
<p data-bbox="120 1444 253 1486"><b>Hands</b></p> 	<hr/> <hr/>
<p data-bbox="120 1717 253 1759"><b>Mouth</b></p> 	<hr/> <hr/>

# 1. What is Science? Quiz

1

\_\_\_\_\_ **study** the world around us for their job.

- A Firemen
- B Scientists
- C Dentists
- D Doctors



5

How do scientists find out the **answers** to their questions?

- A they write about it
- B they do experiments
- C they draw pictures
- D they play games



2

What is this scientist using to **study this plant**?

- A a ruler
- B a scale
- C hand lens
- D a microscope



6

What is the scientist doing with the **grass** in the picture below?

- A smelling the grass
- B listening to the grass
- C cutting the grass
- D watering the grass



3

Which sense would a scientist use to **listen** to a bird?

- A sight
- B touch
- C taste
- D hearing



7

**Where** would the best place be for a scientist to study **fish**?

- A in the ocean
- B in the desert
- C in the forest
- D in space



4

Scientists use their \_\_\_\_\_ to **look** carefully at the things they are studying.

- A eyes
- B ears
- C hands
- D tongue



8

Where would a **good place** be for a scientist to find and watch **insects**?

- A inside
- B in a forest
- C in the ocean
- D in the North Pole



# 2. All About Plants

Plants have **FOUR** main parts.

List the **job** of each **plant part**.

Plant Part	What does it do?
Roots	<hr/> <hr/> <hr/> <hr/>
Stem	<hr/> <hr/> <hr/> <hr/>
Leaves	<hr/> <hr/> <hr/> <hr/>
Flower	<hr/> <hr/> <hr/> <hr/>

# 2. All About Plants Quiz

1

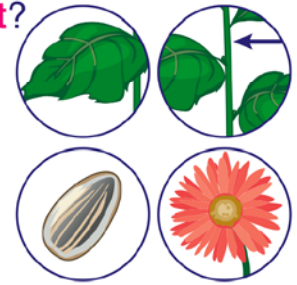
Which is a job of the **roots** of a plant?



- A to take in sunshine
- B to keep the plant in the ground
- C to grow the flowers
- D to make the flowers smell nice

5

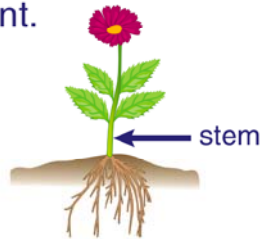
Which of these can grow into a **new plant**?



- A a leaf
- B a stem
- C a seed
- D a flower

2

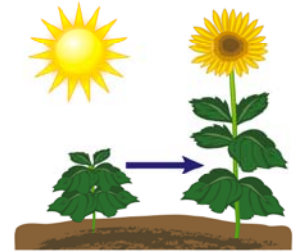
**Stems** carry water and nutrients from the \_\_\_\_\_ **to the leaves** of a plant.



- A seed
- B sky
- C flower
- D roots

6

All plant seeds need **water, air,** and \_\_\_\_\_ **temperatures** to grow.



- A warm
- B cold
- C very cold
- D very hot

3

Green plants **make their own food**. **Where** is food for a green plant made?



- A in the flower
- B in the stem
- C in the roots
- D in the leaves

7

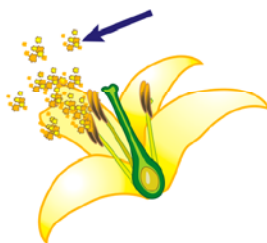
What often helps **move pollen** from one flower to another?



- A cats
- B rain
- C bees
- D soil

4

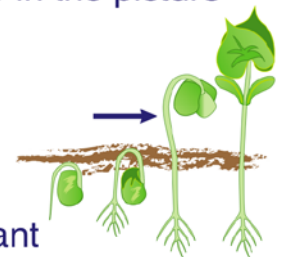
A flower needs **pollen** from another flower to make \_\_\_\_\_.



- A leaves
- B seeds
- C noise
- D food

8

What **stage** of a plant's life is the **arrow** pointing to in the picture below?



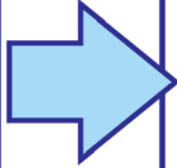
- A a seed
- B a seedling
- C an adult plant
- D a nonliving plant

# 3. All About Animals

There are many different kinds of animals.

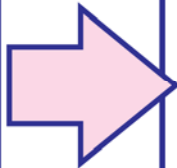
List **one fact** about **each animal**.

Fish



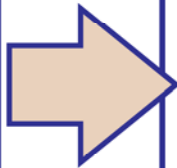
Blank lined writing area for Fish facts.

Birds



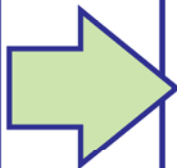
Blank lined writing area for Birds facts.

Mammals



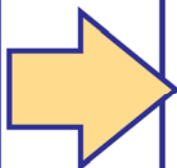
Blank lined writing area for Mammals facts.

Reptiles



Blank lined writing area for Reptiles facts.

Amphibians



Blank lined writing area for Amphibians facts.

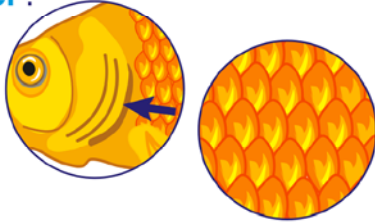


# 3. All About Animals Quiz

1

Which animal has **scales** and breathes through **gills** **underwater**?

- A a bird
- B a fish
- C a snake
- D a whale



5

Some animals **lay** \_\_\_\_\_ instead of **giving birth** to a live baby.

- A eggs
- B feathers
- C rocks
- D cocoons



2

A \_\_\_\_\_ has **fur** and gives its babies **milk** from the mother's body.

- A bird
- B reptile
- C mammal
- D fish



6

Some animals **sleep** for the **whole winter**. This is called **hibernation**. Which animals **hibernate**?

- A geese
- B moose
- C bears
- D butterflies



3

A **reptile** usually **lays eggs**, has **scales**, and **breathes with its lungs**. Which animal below is a reptile?

- A a snake
- B a bird
- C a cat
- D a fly



7

Some animals move to a different area when the weather gets cold. This is called **migration**. Which animals **migrate**?

- A dogs
- B cats
- C geese
- D squirrels



4

What animal below is an **amphibian** and lives its life in **water and on land**?

- A a octopus
- B a bird
- C a fish
- D a frog



8

Which animal below does **not look like its parent** when it is **born**?

- A lion
- B butterfly
- C rabbit
- D squirrel

