Let's Do SCIENCE

Primary 2

Activity Book **A**

Let's Do Science

Let's Do Science is based on the United States Next Generation Science Standards (NGSS). The series consists of full-color textbooks and full-color activity books for Grades K to 6.

Let's Do Science engages students with a highly visual presentation of the disciplinary core ideas in the textbooks and places an emphasis on applying scientific knowledge using NGSS practices through numerous scientific investigations. Let's Do Science sees engineering as an essential element of science education and as such is tightly integrated into both the textbooks and activity books.

The Let's Do Science activity books include the follow features:

AB Activity

Activities and investigations related to concepts and topics covered in the Let's Do Science Textbook.

Engineer It!

Goes beyond inquiry by encouraging students to design, model and build to engineer solutions to defined problems.

Review

Topical questions at the end of each chapter for formative assessment.

Contents

Activity 1.1

What's Inside Your Body?

Use the words in the box to label the body parts.

heart	lungs	bone	muscle	brain

Activity 1.2

What's Your Pulse Rate?

Materials

· stopwatch

Procedure

1. Gently place two fingers on the side of your neck. Move your fingers around until you can feel your pulse.

2. Use the stopwatch to count how many times your heart beats in one minute. Record your pulse rate in the table on the next page.

3. Carry out the activities list in the table on the next page and repeat Step 2.

Observations

Record your pulse rate in the table below.

Activity	Pulse Rate (beats/min)
Sitting at desk (resting)	
Walking for one minute	
Jogging for one minute	
Skipping for one minute	

Analyze and Interpret

1. After which activity was your pulse rate the highest?

_____

2. After which activity was your pulse rate the lowest?

_____

3. How does exercise affect your pulse rate?

_____

_____

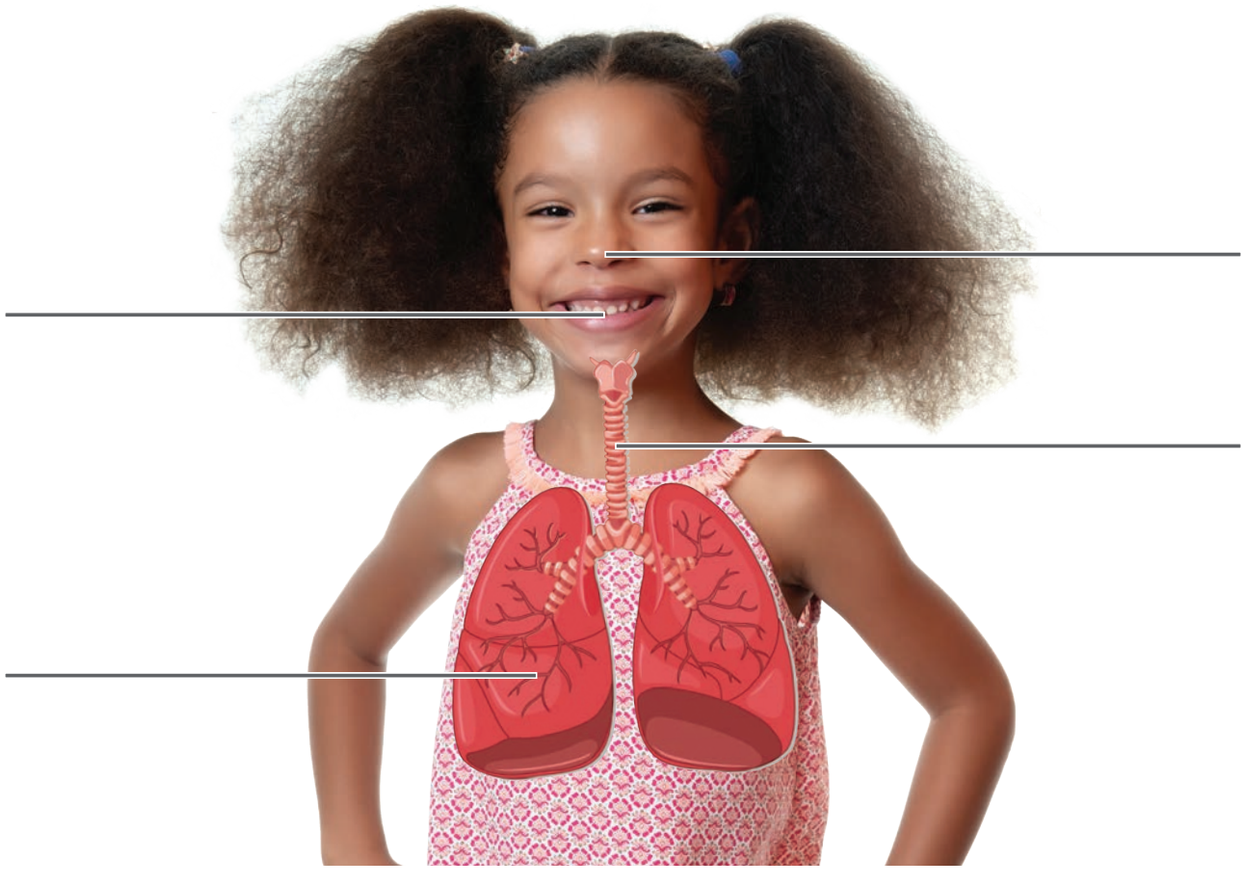
_____

Activity 1.3

Your Nose, Mouth and Lungs

1. Use the words in the box to label the body parts.

nose	**mouth**	**lungs**	**windpipe**



2. What is the main function of these body parts?

Activity 1.4

Your Mouth, Stomach and Intestines

1. Use the words in the box to label the body parts.

small intestine	**large intestine**	**stomach**
esophagus	**mouth**	

2. What is the main function of these body parts?

Activity 1.5

Your Skeleton

1. Use the words in the box to label the skeleton.

skull	rib cage	hip bone	spine

2. List two functions of your skeleton.

Review

1. True (✓) or false (✗).

   (a) Your lungs pump blood around your body.

   (b) Blood moves away from the heart in arteries.

   (c) All of your bones make up your skeleton.

   (d) Your muscles and bones help you to move.

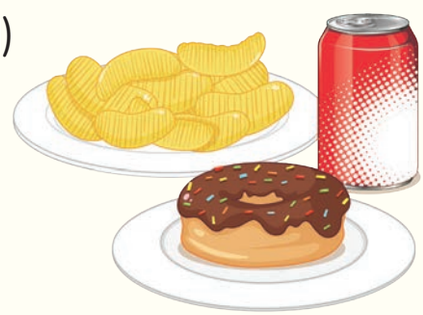
   (e) Bones help to give your body its shape.

2. Tick the meals that represent a healthy balanced diet.

(a) 

(b) 

(c) 

(d) 

3. List three things you can do to maintain a healthy lifestyle.

4. Why is it important to stay active?

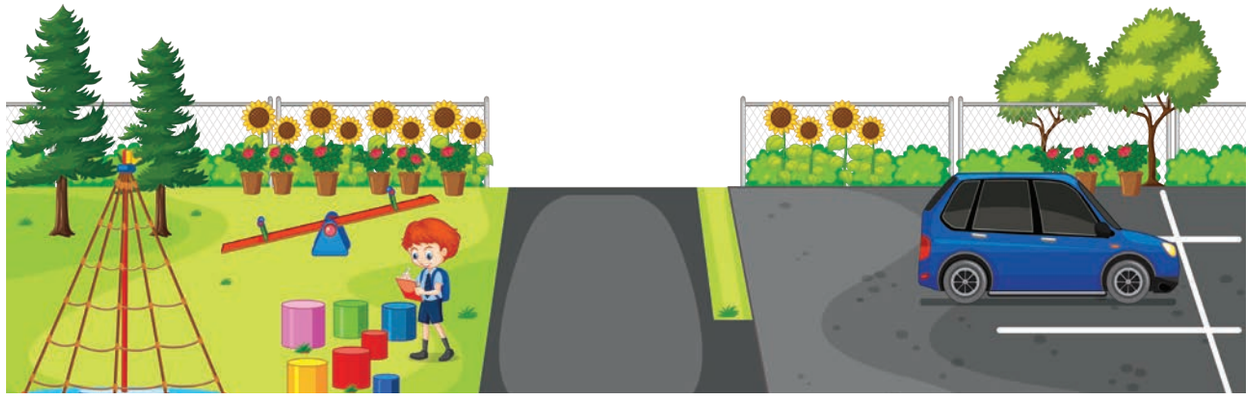
5. What is a balanced diet?

6. List three things you can do to stop the spread of germs when you are sick.

Activity 3.1

Diversity of Life at School

In this activity, you will plan and conduct an investigation to observe plants and animals to compare the diversity of life in four different habitats around your school.



Make a Plan

1. List the habitats in your school where you will observe the diversity of living things.

_____ _____

_____ _____

2. Describe how the different plants and animals in the habitats will be observed, recorded and organized.

_____

_____

_____

_____

Observations

Habitat: _____

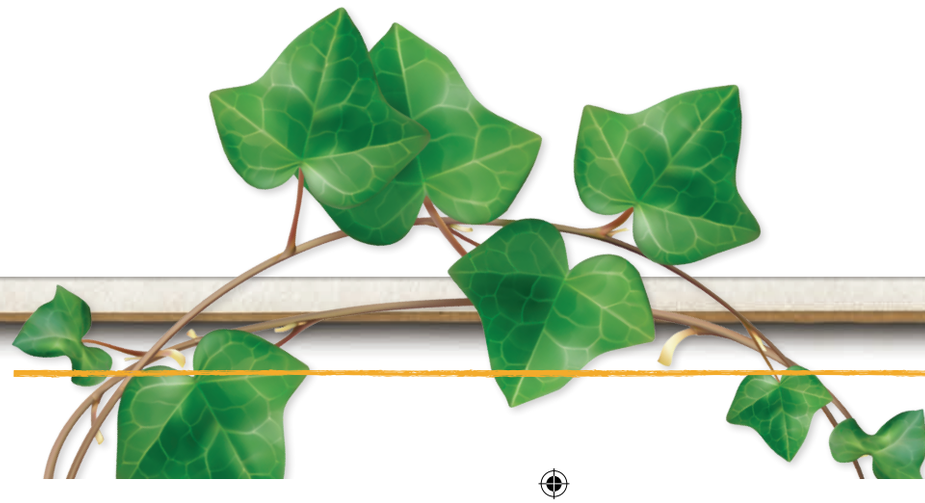
Habitat: _____

Activity 3.3

What Lives in a Temperate Forest?

Description:

Drawing or photograph:



Plants:

Animals:

Water:

Shelter:

Activity 3.4

What Lives in a Tropical Rainforest?

Description:

Drawing or photograph:

Plants:

Animals:

Water:

Shelter:

Plants:

Animals:

Water:

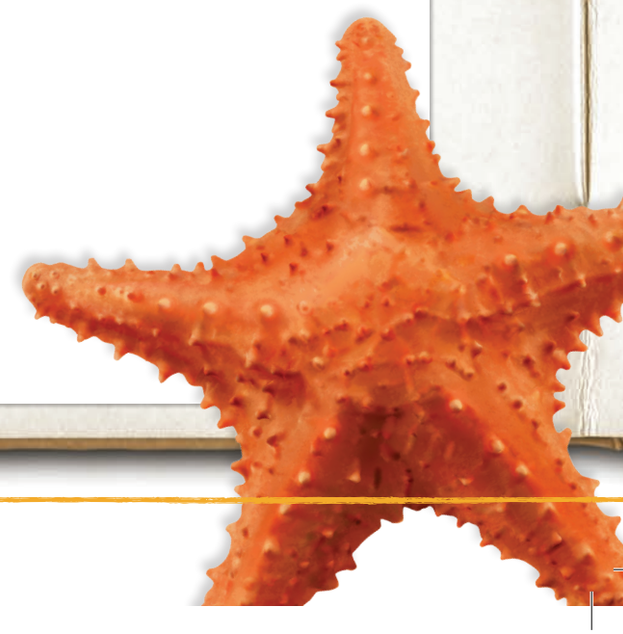
Shelter:

Activity 3.11

What Lives in the Ocean?

Description:

Drawing or photograph:



Plants:

Animals:

Water:

Shelter:

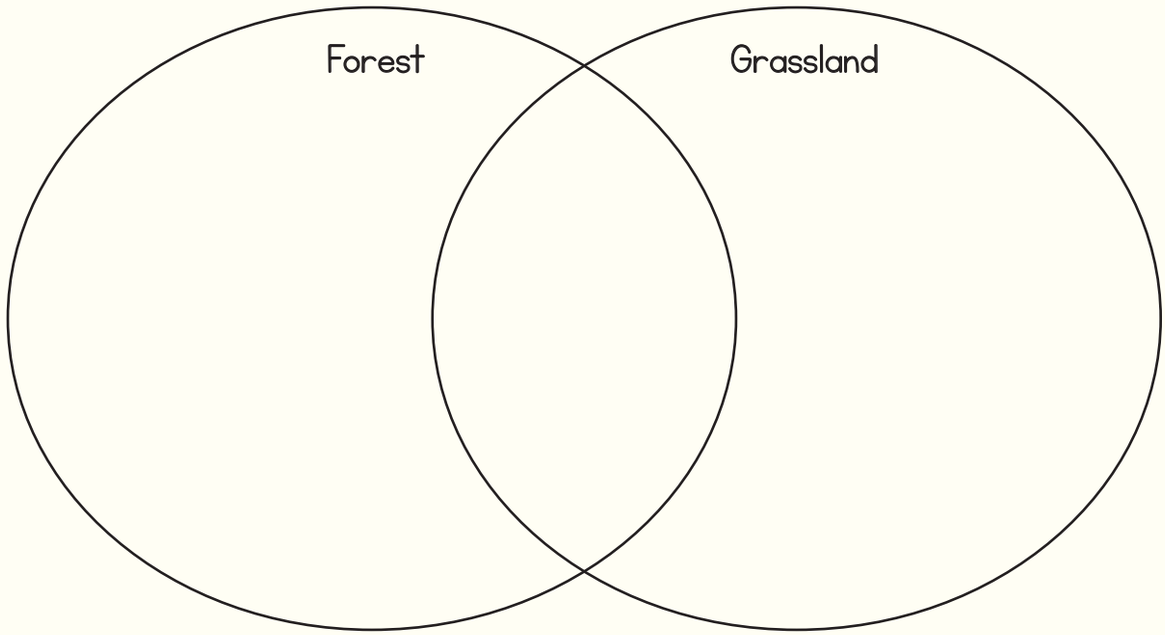
Review

1. What is a habitat?

2. What does it mean if a habitat has high diversity?

3. Why does a rainforest habitat have higher diversity than a desert habitat?

4. Use the Venn diagram to compare a forest habitat to a grassland habitat.



5. Use the Venn diagram to compare a pond habitat to an ocean habitat.