



NATURE IN YOUR

NEIGHBORHOOD

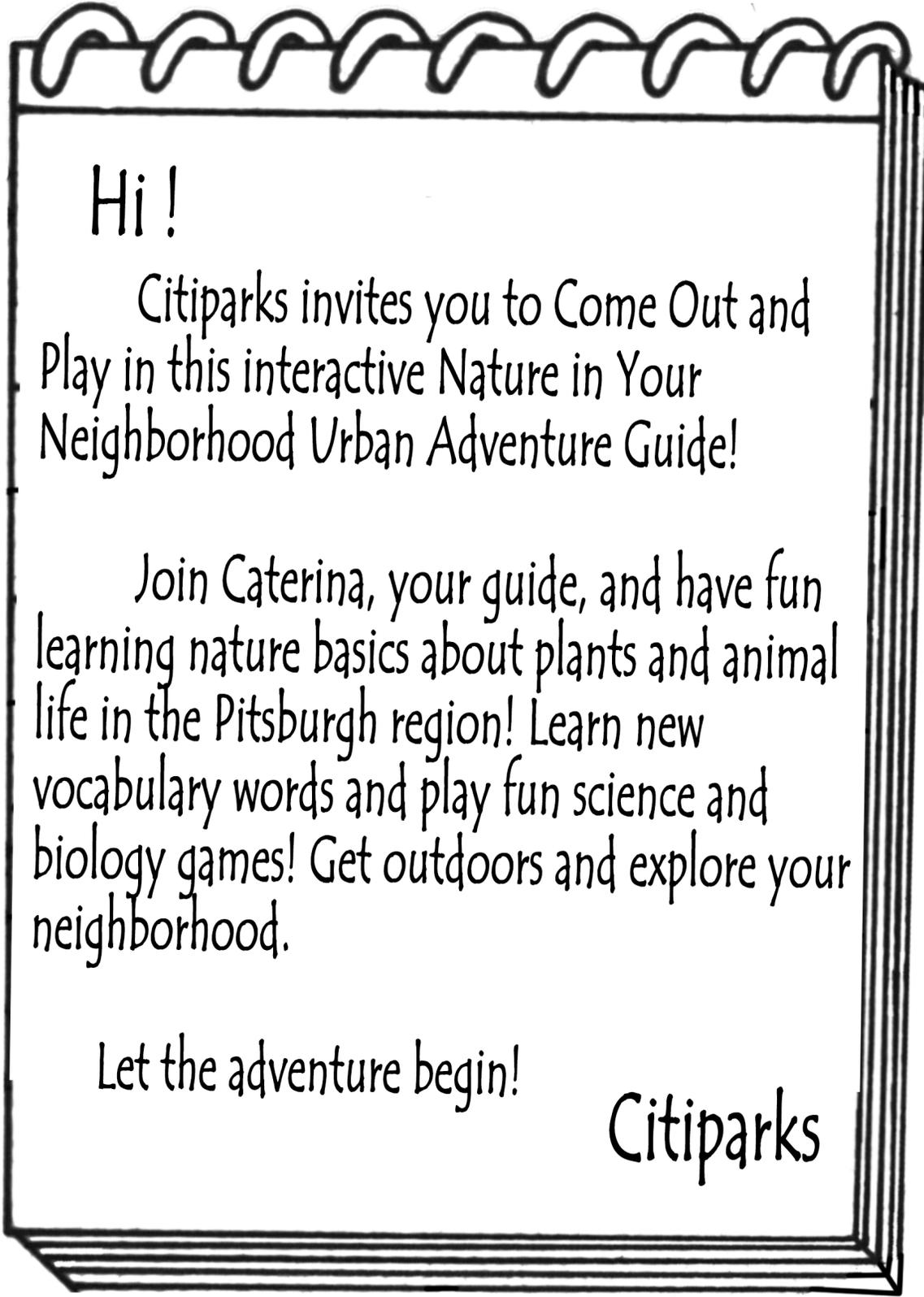
URBAN ADVENTURE GUIDE

This book belongs to:

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Pittsburgh Junior Explorer





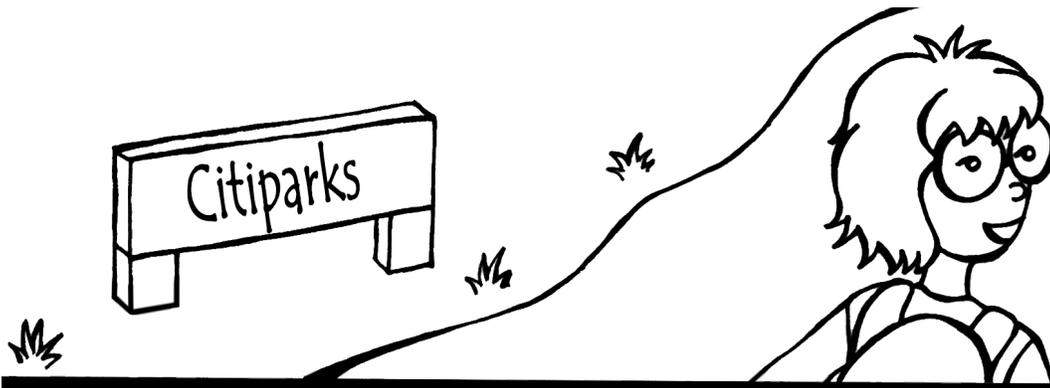
Hi!

Citiparks invites you to Come Out and Play in this interactive Nature in Your Neighborhood Urban Adventure Guide!

Join Caterina, your guide, and have fun learning nature basics about plants and animal life in the Pittsburgh region! Learn new vocabulary words and play fun science and biology games! Get outdoors and explore your neighborhood.

Let the adventure begin!

Citiparks



You do not have to go far to **EXPLORE**, nature is right in your neighborhood.

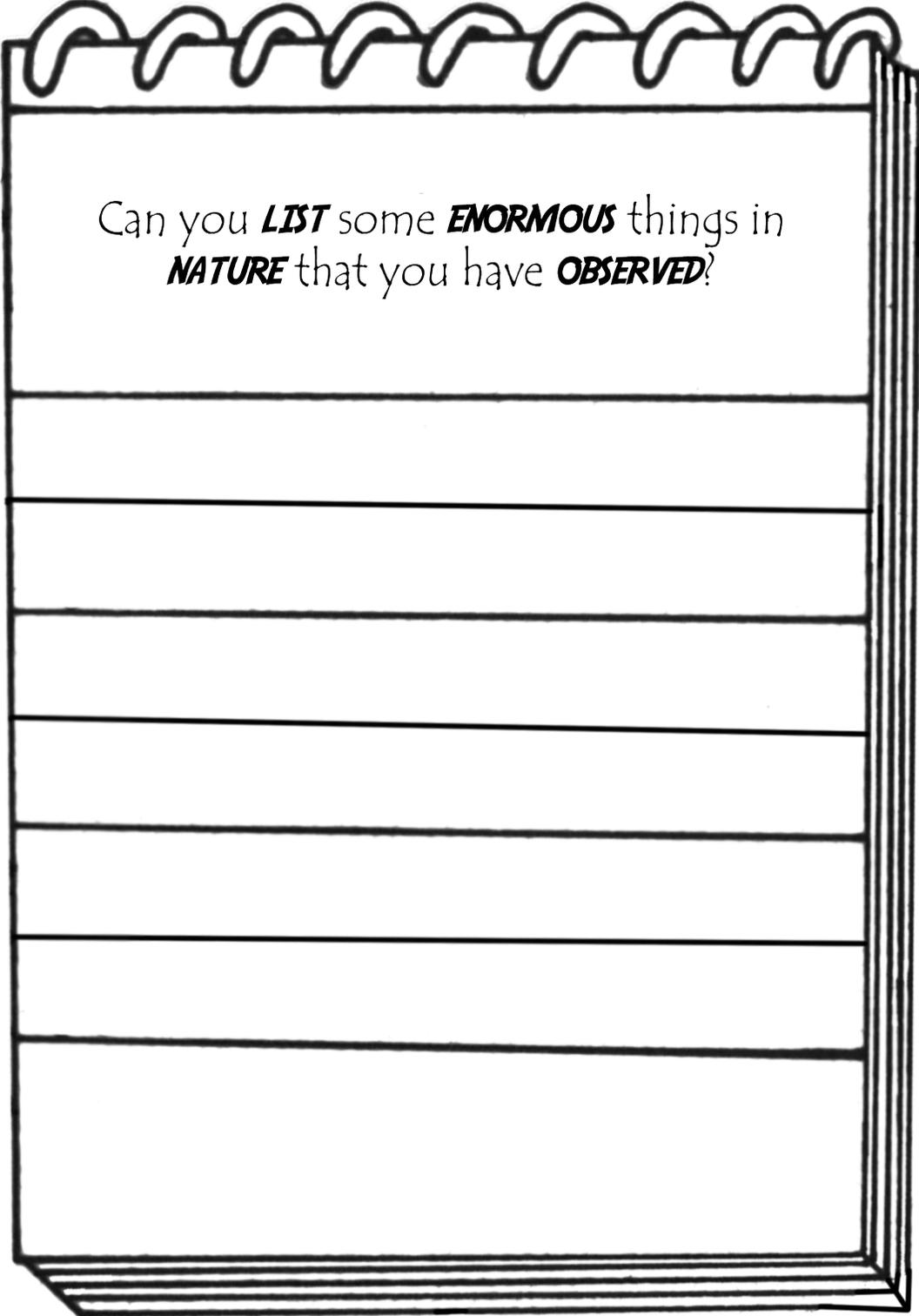


Shhh, we are about to begin... Join me and together we will become **NATURE EXPLORERS!**

Before we begin, what is **NATURE?** **NATURE** is the forces and processes that produce the world of living things and the outdoors. Welcome to **NATURE!**



Wow!  
**NATURE**  
is **ENORMOUS!**



Can you **LIST** some **ENORMOUS** things in  
**NATURE** that you have **OBSERVED**?

**NATURE** is perhaps the biggest subject in the world. It is impossible to learn all about nature in one day, so let us begin **UNDER** our feet.



There is nothing but dirt **UNDER** my feet!



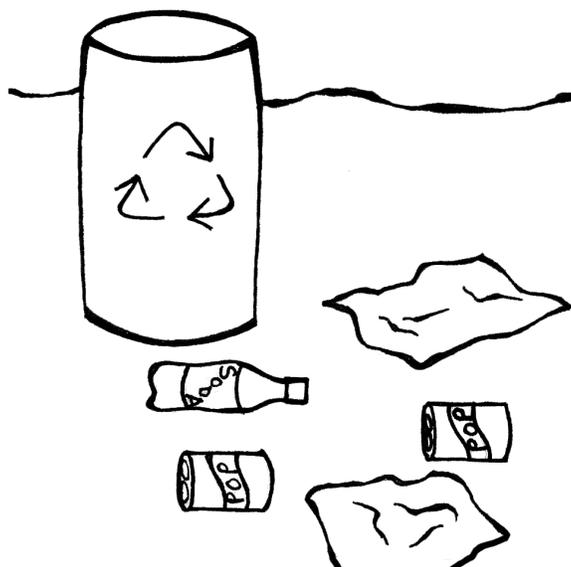
Soil is the skin of the earth. It is a **NATURAL** resource that should be **RESPECTED**.



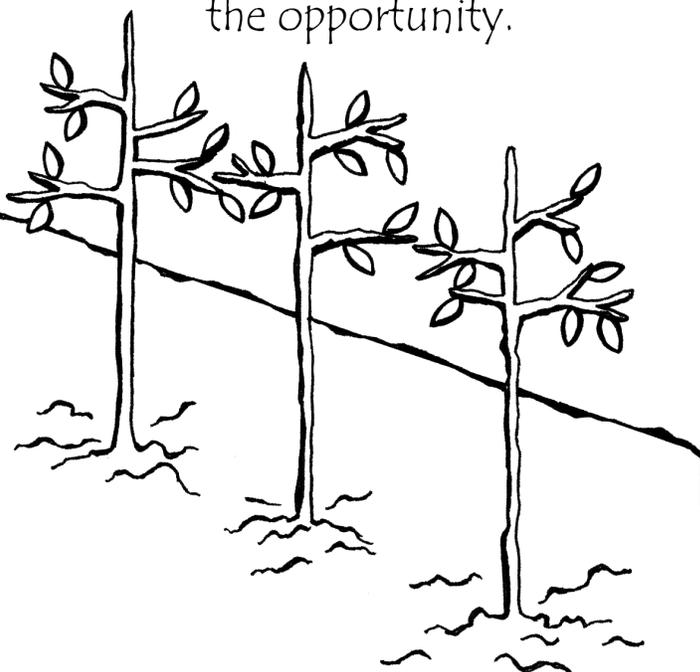
When you are in **NATURE**, you should be a steward to the outdoors.  
That means you should **OBSERVE** and **RESPECT** your surroundings.

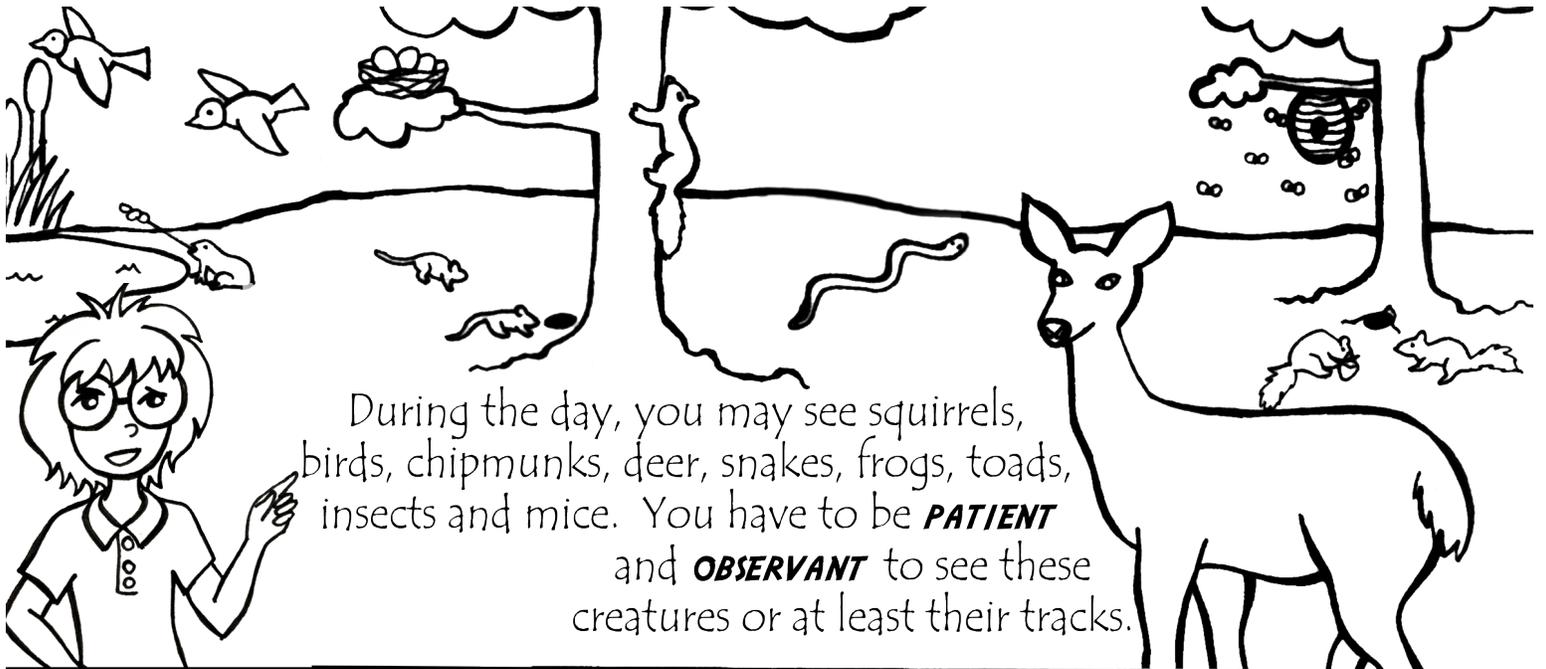


If you see trash, pick it up.



Plant trees if you have  
the opportunity.



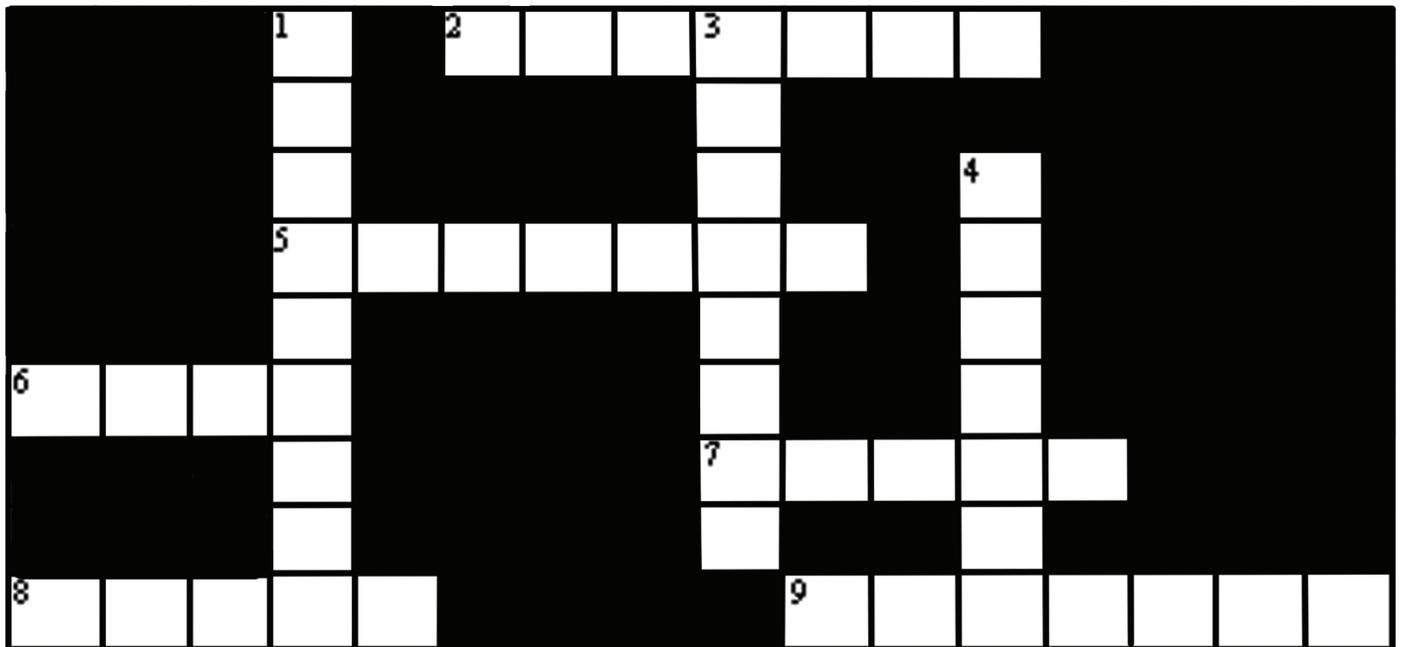


During the day, you may see squirrels, birds, chipmunks, deer, snakes, frogs, toads, insects and mice. You have to be **PATIENT** and **OBSERVANT** to see these creatures or at least their tracks.



There is a "night shift" of creatures in the outdoors. These include raccoons, opossum, skunks, owls and fireflies.

# Vocabulary Crossword Puzzle



## Across

2. To see, watch, perceive or notice
5. To travel for the purpose of discovery
6. A series of written words
7. Beneath and covered by something
8. Impatient
9. To wait and be calm without complaint

## Down

1. An exciting experience
3. Huge
4. Sense of worth

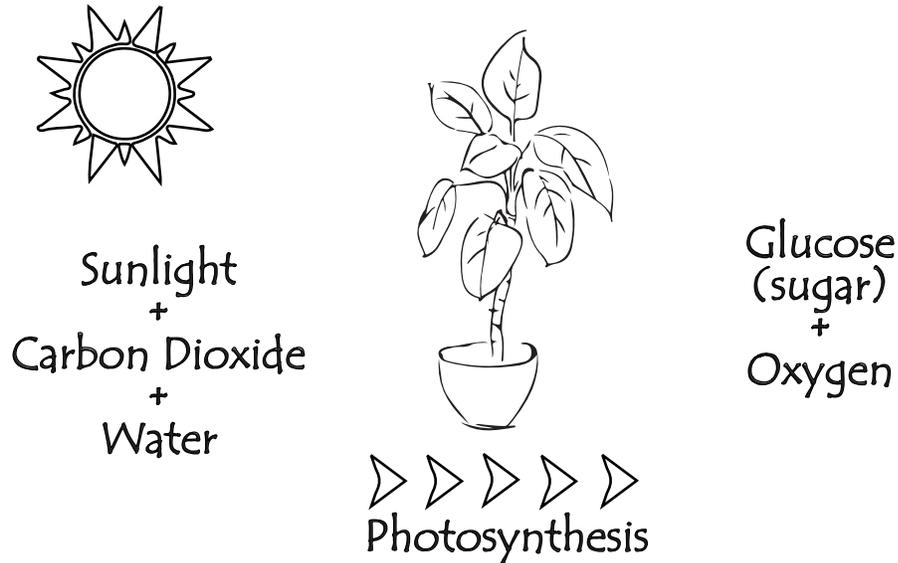
## Word Bank

Respect	Eager
List	Observe
Explore	Under
Patient	Enormous
Adventure	

# Photosynthesis

## What is photosynthesis?

Have you ever noticed that plants need sunlight to live? It seems sort of strange doesn't it? How can sunlight be a type of food? Well, sunlight is energy and photosynthesis is the process plants use to take the energy from sunlight and use it to convert carbon dioxide and water into food.

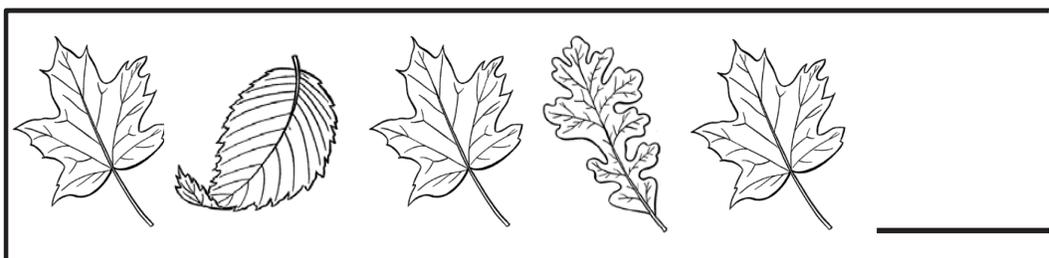
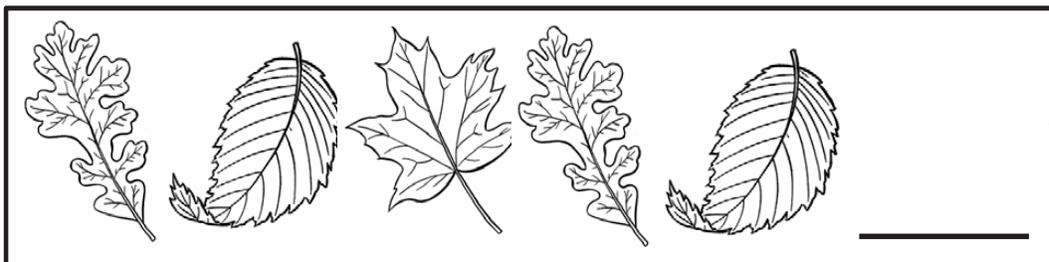
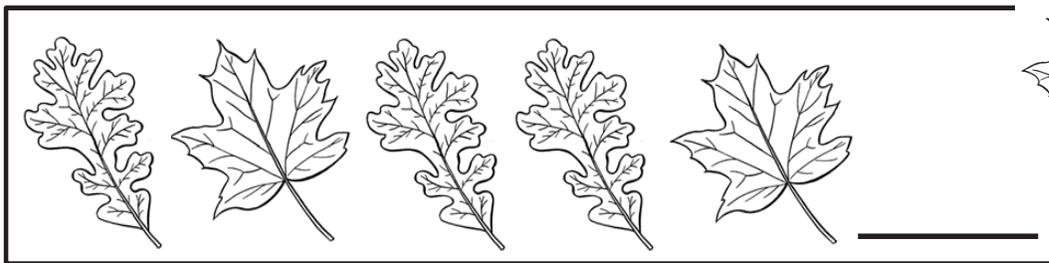
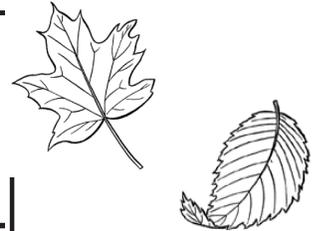
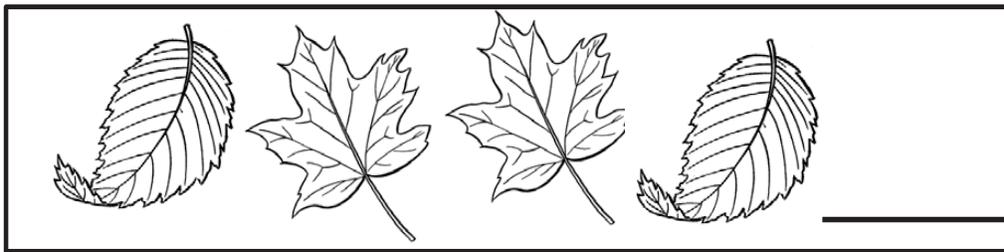
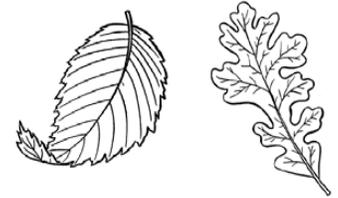
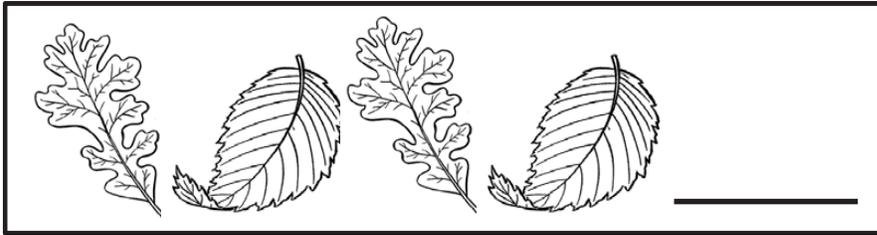


## Three things plants need to live

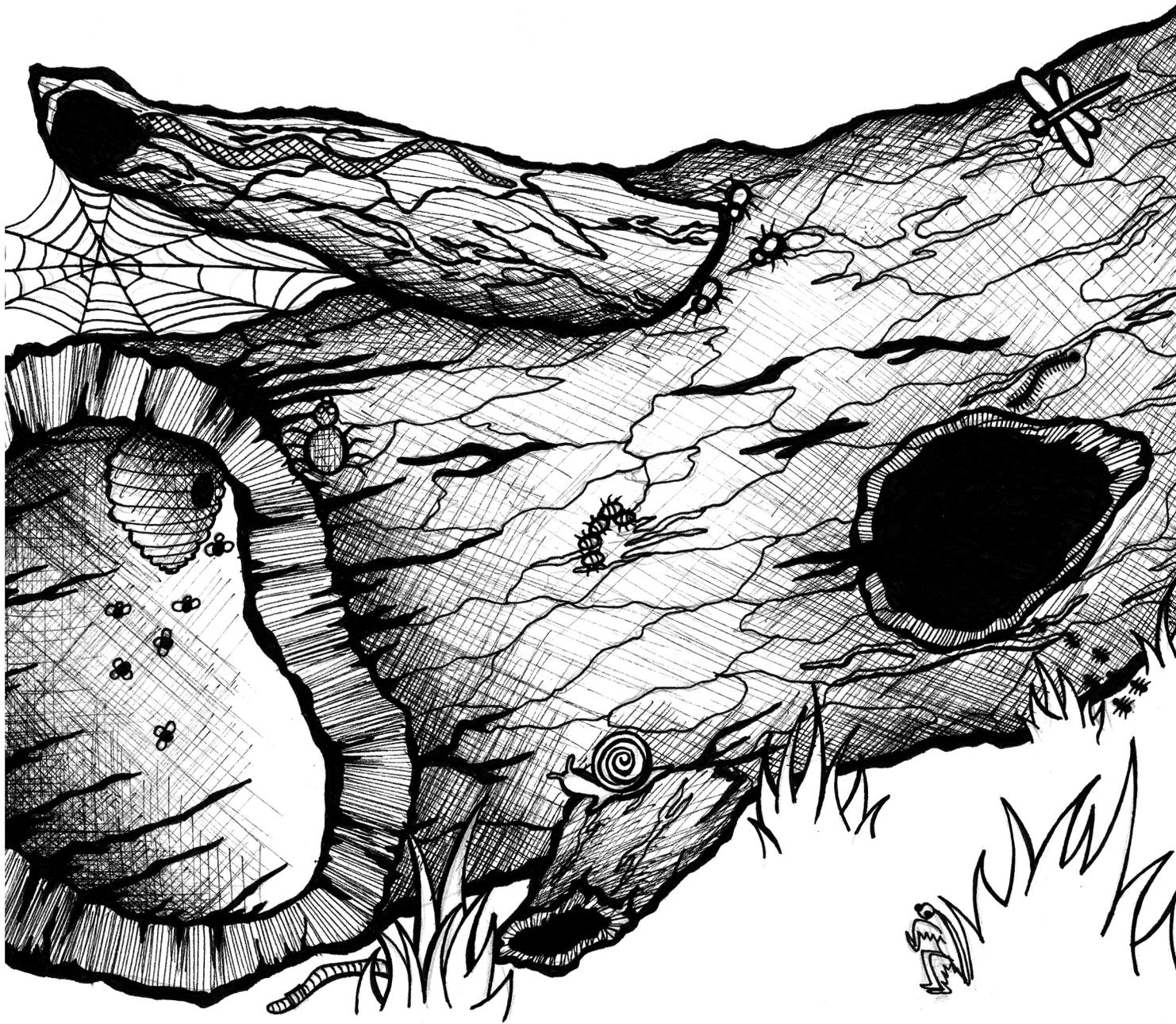
Plants need three basic things to live: water, sunlight, and carbon dioxide. Plants breathe carbon dioxide just like we breathe oxygen. When plants breathe carbon dioxide in, they breathe out oxygen. Plants are the major source of oxygen on planet Earth and help keep us alive.

We know now that plants use sunlight as energy, they get water from rain, and they get carbon dioxide from breathing. The process of taking these three key ingredients and making them into food is called photosynthesis.

Circle the leaf that completes the pattern.



Circle the hidden items.



**DRAGONFLY**

**SNAKE**

**ANTS**

**SPIDER WEB**

**SNAIL**

**PRAYING**

**MANTIS**

**BEE'S**

**WORM**

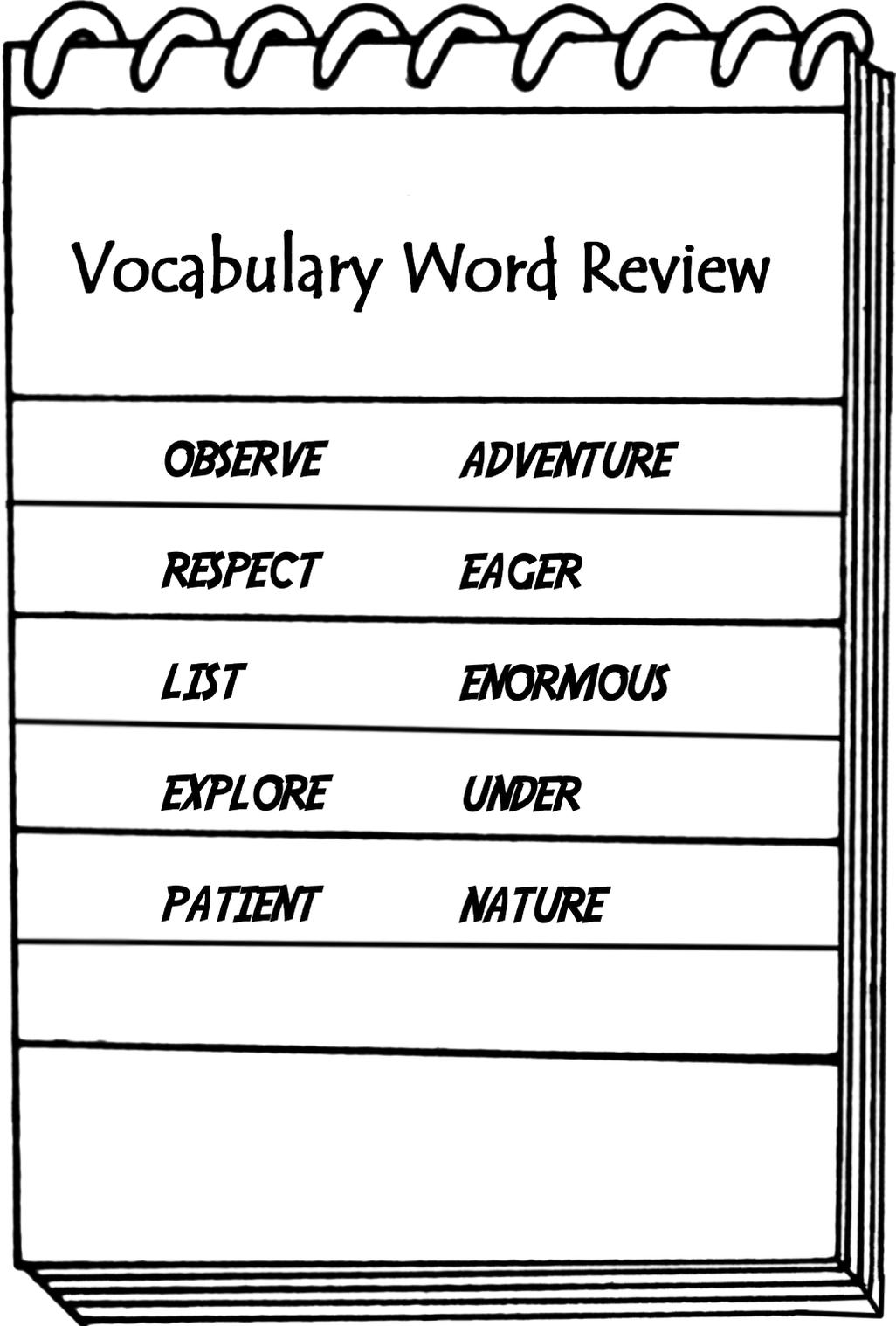
**CENTIPEDE**

**SPIDER**

**HIVE**

You have seen only a small piece of what the outdoors can offer. I encourage you to continue going on **ADVENTURES**. Remember to always **RESPECT** the outdoors and leave it better than the way you found it.





Vocabulary Word Review

*OBSERVE*

*ADVENTURE*

*RESPECT*

*EAGER*

*LIST*

*ENORMOUS*

*EXPLORE*

*UNDER*

*PATIENT*

*NATURE*



## Meet The Masters John James Audubon

John James Audubon was a French painter born in 1785. When he was 18, Audubon immigrated to the United States and lived in southeastern Pennsylvania, now known as Audubon, PA.

He was notable for his extensive studies documenting all types of American birds and for his detailed illustrations that depicted the birds in their natural habitats.

The Ruffed Grouse pictured here is Pennsylvania's State Bird. Can you color it like Audubon?





# CITIPARKS

City of Pittsburgh  
Department of Parks & Recreation

**William Peduto**, Mayor   **Ross Chapman**, Director Dept. Parks and Recreation   **Rev. Ricky Burgess**, Chairperson for the Committee on Urban Recreation  
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