



Play and learn this summer with PBS KIDS! Get started with the hands-on activity collections below or visit <u>pbskids.org</u>, the <u>PBS KIDS Video app</u>, and the <u>PBS KIDS Games app</u> for more ideas and fun. Remember to follow @PBSKIDS for great summertime activities for the whole family.



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pbskidsforparents.org/summer

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Wild Kratts Wildlife Journal

Keeping a wildlife journal is a great way to build both observation and writing skills. You don't have to go far – you'd be surprised what is going on just outside your front door!

Directions

Creating the Journal:

(You may want to ask an adult for some help.)

- 1. Fold several sheets of paper in half so that you create a booklet.
- **2.** Look outside your window, walk in your yard, or along your street and take notice of what you see.
- **3.** Customize the journal by creating an illustration on the cover.

Using the Journal:

- 1. Write the day's date.
- 2. Go outside and walk in your yard, along your street, or in a nearby park and take notice of what you see.
 - Did you see any animals? Birds? Insects?
 - Where are they living?
 - What are they doing?
 - How many did you see?
 - Could you hear them?
 - What time of day is it?
- **3.** Write down notes or sketch a picture in your journal, so that you have a record of the thing you observed.
- **4.** After a few entries, take a look back at the things you saw. How were things different each time? What was the same?

Materials

- Several sheets of unlined paper
- Hole punch or stapler for binding
- Ribbon or string to bind

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MY JOURNAL

 Markers, pencils or crayons

Find more games and activities at **pbskidsforparents.org**



Wild Kratts Wildlife Journal

What I Observed

Nature Notes

Date	
Location	

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Scavenger Hunt

It's time to explore! Take a walk around your neighborhood and go on a scavenger hunt. Check the box for each item you find. Draw what you found or tape an item to the empty boxes on the page.



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Name

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What is the weather like in your neighborhood? Track the weather in your area with this Nature Cat calendar. (Name)



For more printables, go to **pbskidsforparents.org**







Plant Journal

Create your own miniature garden and watch your plant grow. Use this journal to track the growth of your plant over the next few weeks.

TALLY HO! LET'S HAVE FUN!

- **1.** Print out this plant journal.
- Cut out the journal pages along the dotted lines so that you have 8 pages for your journal.
- Stack all of the journal pages together so that they are in order pages 1 through 8.
- **4.** Staple the top left corner of the pages to make a book.
- Follow the directions on each page of the journal. Now you can use your journal to keep track of your plant as it grows.



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Arthur's Green Thumb

Encourage your child to have a green thumb! In this activity, children have the chance to grow beans from the ground up and create their very own garden.

Materials

- beans (pole, lima, or snap beans are easy to grow)
- **2.** fork
- 3. marker
- 4. masking tape

- 5. old soup cans (for planters)
- 6. potting soil
- 7. gravel or pebbles
- 8. Arthur's Green Thumb Planter Label Worksheet

Directions Grow and care for plants with your children.

- **1. Prepare:** Soak the beans overnight so they will grow faster.
- **2. Plant:** Talk with your children about plants, explaining that plants need water and light to live. Help each child fill a can no more than ¼ full with a small amount of gravel or small pebbles. Then fill each can no more than ¾ full with potting soil. Plant the beans that have been soaked overnight under a shallow layer of dirt (one or two beans per can). Children can make labels for their planters. Place the cans in a sunny area.
- **3. Nurture:** Show children how to water their beans every day or two so that the soil is moist but not wet, and discuss how the plants change as they grow.



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Arthur's Green Thumb

Directions:

- **1.** Using the boxes below, create labels for your new plants. You can write your name, the type of plant, or color on the label!
- 2. Cut out the label and tape onto the outside of your planter!



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What's that Bird?

Molly loves animals, especially birds. One of her favorite things to do is go outside and look and listen for birds. More than 470 species of birds can be found in Alaska – and Molly hopes to see them all! She even created her own Field Guide to Birds.

Use Molly's Field Guide to identify and learn more about birds in your neighborhood. If you find any birds that are not in Molly's Field Guide, create your own pages with information about these birds to add to her field guide. People who look for and identify birds are called *birders*. You can be a birder, too!

Get Started

Take a look at Molly's Field Guide pages for the American Robin, Great Horned Owl, Rock Pigeon, and Canada Goose. What information or images are helpful? How is the information organized? Could you use the information to identify these birds outside? Give it try!

Go Outside

You'll find birds in many places, whether you live in a city, the suburbs, or in the country. You just have to look! Go outside as a family, and be sure to bring Molly's Field Guide with you as well as some blank paper and a pencil.

Once you are outdoors, spend time quietly listening and looking at what's around you. When you spot a bird, look closely at its *identifying features*—details such as its colors, beak shape, and size—to help you determine what kind of bird it is. Then, check in Molly's Field Guide to see if you can find the bird and learn more about it. If you can't find it, take notes or draw pictures to help you remember what you saw.

Read and Research

When you are back home from birding, look at your notes and your drawings of the birds you could not identify. Do some research to learn more about those birds by going to your local library or online. Check out one or more of the field guides listed in the box on this page. Different field guides are organized in different ways, but the identifying features you noted about the birds you saw will help you find them in a field guide.

Field Guides to Bird

National Audubon Society First Field Guide: Birds by Scott Weidensaul

National Geographic Field Guide to the Birds of North America by Jon L. Dunn and Jonathan Alderfer

Peterson Field Guide to Birds of North America by Roger Tory Peterson

The Sibley Guide to Birds by David Sibley

Digital Guides to Birds

Cornell Lab of Ornithology web: www.allaboutbirds.org app: Merlin Bird ID

National Audubon Society web: www.audubon.org/bird-guide app: Audubon Bird Guide

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Powered by a Ready To Learn Grant



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Make Your Own Field Guide

Once you've identified your birds, add them to Molly's Field Guide so other people can identify them later! Use the information from your research and your own observations to create a field guide page for each bird. Follow these steps:

- 1. Get an empty three-ring binder or paper folder with fasteners.
- Print out Molly's Field Guide and assemble the pages in this order: cover first, then the numbered pages, and the index last.
- 3. Use a hole punch to punch holes in all pages except the cover.
- 4. To add birds that you found in your neighborhood to Molly's Field Guide, use the blank page. This page has the same text features that are on Molly's Field Guide pages. Put the name of the bird at the top of the page and then add the information you want to include, using features such as:
 - pictures
 - captions
 - maps
 - diagrams
- 5. Add page numbers to each page, and then add the names of your birds and the page numbers to the index.
- 6. Put all of your pages in order according to their page numbers and put them into your binder or folder. The index goes at the end of the field guide.
- 7. Tape or glue the cover to the front of the binder or folder. Write your name on the line under Molly's name.
- 8. You can keep adding pages as you discover new birds in your neighborhood.
- 9. Take a friend or a family member birding and use your guide to introduce them to great birds!
- 10. Now that you know how to make a field guide, you can make your very own. It doesn't have to be about birds. It can be about trees, or flowers, or even rocks you find in your neighborhood.

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Using Your Eyes and Ears

To identify a bird ask yourself these questions:

- What does it sound like?
- What is its habitat?
 Where does it spend its time?
- What is unusual about the way that it looks? Does it have interesting patterns or colors?
- What are its main colors?









For more games and activities, visit pbskidsforparents.org





Great Horned Owl





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WHAT IT LOOKS LIKE Identifying Features:



large, feathered tufts on head that look like "horns"

white throat

The Great Horned Owl is a very large owl that can be 25 inches tall. Its scientific name is Bubo virginianus.

WHAT IT SOUNDS LIKE Calls and Songs:

- deep hooting voice
- makes four to six hoots in a row
- "hoo-h'HOO-hoo-hoo"
- "hoohoohoo hoohoo"

INTERESTING FACTS:

The Great Horned Owl is nocturnal, which means it is active at night when most people are sleeping. An owl has special feathers that allow it to fly quietly at night and eyes that are very good at seeing in the dark.

WHERE IT LIVES Habitat:

- woods, wetlands, grasslands
- backyards, orchards, or farmlands
- cities and abandoned buildings
- deserts

Vear-round Vear-round (scarce) Mar-round (scarce) Mar-round (scarce)

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Nonbreeding

Map provided by Cornell Lab of Ornithology



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Name of bird

WHAT IT LOOKS LIKE Identifying Features:

WHAT IT SOUNDS LIKE Calls and Songs:

WHERE IT LIVES Habitat:

INTERESTING FACTS:

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American Robin	2
Canada Goose	3
Great Horned Owl	1
Rock Pigeon	4
	6)

Name



Design Your Own Plant Superhero

Big Idea: There are many different types of plants. Some types of plants are good at cleaning the air to make it better for us to breathe.

Explore: Below are three different types of plants. All of these plants are good at cleaning the air inside your house to get rid of pollutants. Pollutants are small, unhealthy things that can get into the air, sometimes from new rugs or cleaning supplies. These plants breathe in the pollutants when they take in air, making it healthier for us inside.



Look at the three plants above. What do you notice that all of these plants have in common? What parts of the plant do you see? What do all plants need?

How are these plants different from each other?



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Design Your Own Plant Superhero

Create: Draw your own plant superhero to help save your family from pollutants in the air!

1. One person will go first. On the "Draw Page," starting with the top section, draw the head/flower of your plant superhero. Keep your drawing hidden from your partner!

TIP: Include some of the things that you noticed about the air-cleaning plants in your drawing.

- 2. When you are finished, draw two lines that come down a little below the dotted line to show the neck or stem of your superhero.
- **3.** Fold the top half back along the dotted line.
- Pass the drawing to the next person. Note: Make sure they can't see what you've drawn! They will draw the middle part of your superhero/stem, starting with the lines from the top.
- 5. When you are finished, draw two lines that come down a little below the dotted line again.
- **6.** Fold the middle section back along the dotted line.
- 7. Pass the paper back to the first person to draw the bottom/roots of your plant superhero.
- 8. When you are finished, unfold the paper to see your creation!



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Design Your Own Plant Superhero DRAW PAGE

Take turns drawing your plant superhero on this page. Start with the top section and make sure to draw down just below the dotted line. Fold over the top section when you are done and pass on to the next person for the middle section.

Fold back here when top section is done.

Fold back here when middle section is done.



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Design Your Own Plant Superhero

Reflect: If one plant superhero can clean the air in one 10 x 10 foot room, like this,



how many plant superheroes would you need to clean a room that was twice as big?



What if you had a room that was 9 times as big, a 30 x 30 foot room?



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Make a Wind Gauge

How fast is the wind blowing? Use this Wind Gauge to find out!

Directions

- 1 Glue your Wind Gauge to an index card.
- 2 Make a hole where the black dot is. Tie the string through the hole.
- 3 Attach a paper clip to the other end of the string.
- Outside, hold the card so the string lines up with 0 (zero). Point the arrow toward the wind. What number does the string line up with now? That's your wind speed!



Now find another place to measure the wind speed. Which place has the fastest wind?



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What is the weather like outside? Is it sunny, rainy, cloudy or windy?

Meteorologists study the weather. This week, help chart the weather conditions. Each day, look out your window and draw a picture of the weather outside.

Name

Monday		Tuesday Wednesday		Vednesday
Thursday	Friday	Saturd	ay	Sunday
KEY:	\sim			
	> <u>300</u>			
Sunny	Rainy	Cloudy	Windy	
Count how many	days of each	type of weather	there w	vere.

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Name

There are four seasons each year: winter, spring, summer and fall. They always follow the same pattern. During each season, there are different activities we enjoy and different clothes we wear. Some animals, like bears, frogs, and bats, hibernate in the winter because it is cold. In spring, plants and trees grow buds and leaves. In summer, it might be hot and you might need to wear sunscreen and sunglasses. In fall, the leaves on trees may change colors and fall on the ground. Draw in each section of the wheel, one thing that you might see in each of the seasons.





Learn at Home with PBS KIDS

Schedule Begins May 3, 2021

Explore reading, math, science, life lessons, and more on the PBS KIDS 24/7 channel and live stream! The TV schedule below offers you and your child a chance to learn anytime alongside your friends from PBS KIDS.

TIME (M-F)	SHOW	GRADE	LEARNING GOALS
6/5c am	The Cat in the Hat Knows a Lot About That!	PK-1	Science & Engineering
6:30/5:30c am	Ready Jet Go!	K-2	Science & Engineering
7/6c am	Peg + Cat	РК-К	Math
7:30/6:30c am	Super WHY!	РК-К	Literacy
8/7c am	Daniel Tiger's Neighborhood	РК-К	Social & Emotional Learning
8:30/7:30c am	Daniel Tiger's Neighborhood	РК-К	Social & Emotional Learning
9/8c am	Sesame Street	РК-К	Literacy, Math, Social & Emotional Learning
9:30/8:30c am	Elinor Wonders Why	РК-К	Science & Engineering
10/9c am	Clifford the Big Red Dog	РК-К	Social & Emotional Learning, Literacy
10:30/9:30c am	Dinosaur Train	РК-К	Science
11/10c am	Let's Go Luna!	K-2	Social Studies
11:30/10:30c am	Nature Cat	K-3	Science
12 pm/11c am	Nature Cat	K-3	Science
12:30 pm/11:30c am	Xavier Riddle and the Secret Museum	K-2	Social & Emotional Learning
1/12c pm	Molly of Denali	K-2	Literacy
1:30/12:30c pm	Hero Elementary	K-2	Science & Engineering
2/1c pm	Cyberchase	1-5	Math & Science
2:30/1:30c pm	Pinkalicious & Peterrific	РК-1	The Arts
3/2c pm	Pinkalicious & Peterrific	PK-1	The Arts
3:30/2:30c pm	Elinor Wonders Why	РК-К	Science & Engineering
4/3c pm	Donkey Hodie	PK-K	Social & Emotional Learning
4:30/3:30c pm	Curious George	РК-К	Math, Science & Engineering
5/4c pm	Curious George	РК-К	Math, Science & Engineering
5:30/4:30c pm	Xavier Riddle and the Secret Museum	K-2	Social & Emotional Learning
6/5c pm	Molly of Denali	K-2	Literacy
6:30/5:30c pm	Hero Elementary	K-2	Science & Engineering

Access FREE, at-home learning activities, tips, and more on pbskidsforparents.org



Learn at Home with PBS KIDS

Play and learn anytime and anywhere with free apps from PBS KIDS! Use the chart below to find the app that aligns to your child's grade, learning goal, and favorite PBS KIDS show - then download it on your on your mobile or tablet device to play online, offline, or anytime.

Apps for Social & Emotional Learning

Daniel Tiger for Parents	PK-K	Social & Emotional Learning
PBS KIDS Games app	K-2	Multiple Learning Goals
PBS KIDS Video app	K-2	Multiple Learning Goals

Apps for Literacy Learning

Dinosaur Train A to Z	PK-K	Literacy, Science
Molly of Denali	K-2	Literacy
PBS KIDS Games app	K-2	Multiple Learning Goals
PBS KIDS Video app	K-2	Multiple Learning Goals





Apps for STEM Learning (Science, Technology, Engineering & Math)

PBS Parents Play & Learn	PK-K	Literacy, Math
Play & Learn Engineering	PK-K	Science and Engineering
Play & Learn Science	PK-K	Science
Splash and Bubbles for Parents	PK-K	Science
Splash and Bubbles Ocean Adventure	PK-K	Science
The Cat in the Hat Builds That!	PK-K	Science and Engineering
The Cat in the Hat Invents	PK-K	Science and Engineering
Jet's Bot Builder: Robot Games	K-2	Science and Engineering
Photo Stuff with Ruff	K-2	Science

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Ready Jet Go! Space Explorer	K-2	Science	
Ready Jet Go! Space Scouts	K-2	Science and Engineering	
Nature Cat's Great Outdoors	K-3	Science	
PBS KIDS ScratchJr	1-2	Coding	
Outdoor Family Fun with Plum	1-3	Science and Engineering	
Cyberchase Shape Quest	1-5	Math, Science	
PBS KIDS Games app	K-2	Multiple Learning Goals	
PBS KIDS Video app	K-2	Multiple Learning Goals	



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