Activity Pack
Ages 5-10

Fun boredom buster activities to explore together this summer.
From the Library, to you (We miss you!)

Sign up for the online Summer Reading program at summerreading.pcls.us

Find us online!
Beanstack for Summer Reading program
summerreading.pcls.us/beanstack
Flipgrid to share videos
flipgrid.com/ef9e37c2
Pierce County Library for Families with Kids (Facebook Group)
facebook.com/groups/PCLSFamilies

Check out this reading recommendation tool for grades K-8:

2. Click on NoveList Plus K-8
3. Enter your library card number

To request this document in an alternate format, call Washington Relay TTY 711 for 253-548-3426.
Activity

Biologists engage in fieldwork to learn more about something in nature. Fieldwork is practical and done outdoors—you might just think of it as close observation. In this activity you’ll use a common tool called a “quadrat” to look closely at your lawn.

What you need:

- Outdoor lawn area (backyard or park)
- Ruler or tape measure (optional)
- Notebook and pencil
- Wire coat hanger or anything that can be used as a frame.

Try this:

Create your quadrat out of a wire coat hanger: Pull the coat hanger apart to make a rough square. It doesn’t need to be perfect.

Outside, stand and look at your lawn. Draw a quick sketch of the area and make a note of how many different plants you see. Does it appear to be all grass?

Put your quadrat flat on the lawn. Look closely inside the quadrat. How many different plants do you see now? Is the quadrat mostly grass—or is it mostly other plants?

Draw a sketch of each plant inside your quadrat. How many of each plant do you count? Take notes.

When you’re done looking, move your quadrat to a different part of the lawn. Try an edge area. Look closely again. Do you see all the same plants as before? Draw any new ones and take a count of each plant.

Continue sampling around the yard for as long as you like. You may be surprised by the many plants you find!

Local Connection

Identify the plants you find using a field guide from the library, or the USDA Plants Database: plants.usda.gov.

Leave feedback at scienctogo.pcls.us
Beat the Alien (2 players)

1. Think of a short phrase.
2. Draw a dash for each letter in your phrase.
   (Ex: Summer Reading = _______ _________)
3. Ask the other player to guess a letter.
4. If the letter is in your phrase, fill it in.
5. If the letter is NOT in the message, draw part of an alien.
6. You win if the alien is completed before your opponent guesses the phrase!

Dots-and-Boxes (2 players)

1. Create a grid of 9 dots in a square, like so:
2. On your turn add a vertical or horizontal line between neighboring dots.
3. Take turns. If you complete a square, get one point and go again.
4. Keep track of the score by writing your initial inside the completed box.
5. Whoever has the most squares at the end wins.
**ROLL A STORY**

This is a fun way to write your own story! You’ll roll a die to determine each of your story elements. (For example, if you rolled a 4 for your first roll your main character will be a brave bunny.) Once you have all your information you’re ready to write your story! Don’t forget to give it a title and share it with your family and friends!

<table>
<thead>
<tr>
<th>ROLL</th>
<th>1ST ROLL - CHARACTER</th>
<th>2ND ROLL - SETTING</th>
<th>3RD ROLL - PROBLEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A miniature T-Rex</td>
<td>in a tree house</td>
<td>The main character has lost their voice.</td>
</tr>
<tr>
<td>2</td>
<td>An opera singing goldfish</td>
<td>at the bottom of the ocean</td>
<td>The main character is lost and hungry.</td>
</tr>
<tr>
<td>3</td>
<td>A cowardly crow</td>
<td>in a beautiful forest</td>
<td>The main character is being chased by the abominable snowman.</td>
</tr>
<tr>
<td>4</td>
<td>A brave bunny</td>
<td>near a very busy street</td>
<td>The main character is late for an important meeting.</td>
</tr>
<tr>
<td>5</td>
<td>A child</td>
<td>at the top of the Space Needle</td>
<td>The main character has been called to fight a fire breathing dragon.</td>
</tr>
<tr>
<td>6</td>
<td>A very annoyed ant</td>
<td>inside a backpack</td>
<td>The main character is looking for treasure but can't read their treasure map.</td>
</tr>
</tbody>
</table>
Best Bubble Recipe

• 10 cups of distilled or tap water
• 4 cups of plain dish soap
• 1 cup of Glycerin or Karo Corn Syrup
• Food coloring

Bubble Print Making

• Add food coloring to a tray of bubble solution. Blow bubbles into the colored solutions with a straw.

• Lower a piece of paper onto the bubbles to make a print.
Big Bubble Wand

**Materials**
- scissors
- plastic straws
- cotton string
- bubble solution
- shallow container

1. Take two straws. Cut them down to about 6".
2. Thread a length of string through the straws. The size of your string determines the size of your bubbles.
3. Tie the string so it forms a large loop. Then, move the knot so it’s inside one of the straws or near an opening of a straw.

4. Take two more straws. Pinch the ends and then insert them to form handles.
5. Pour your bubble solution into a shallow container. Submerge the string and straws, then slowly lift up by the handles. Gently pull apart the handles until the strings are taut, then let the wind or your movement help a big bubble take shape. It takes a few tries to get the hang of it.
Create an awesome pop-up card to send to a friend.

Share a video of your card popping!

https://flipgrid.com/ef9e37c2

Step 1:
Begin with a piece of construction paper, card stock or a manila file folder (if you start with a folder, skip to step 3).

Step 2:
Fold the construction paper in half to form a card.

Step 3:
Draw a line from the folded edge of the card to the center.

Step 4:
Cut along the line starting at the folded edge.

Step 5:
Fold back the top flap to form a triangle. Crease with your thumb or finger.

Source: Illustrator Robert Sabuda. Find his pop-up books in our catalog! www.piercecountylibrary.org
Step 6: Fold back the bottom flap to form a triangle. Crease with your thumb or finger.

Step 7: Put the bottom triangle flap back in its original position.

Step 8: Put the top triangle flap back in its original position.

Step 9: Open the card up like a tent.

Step 10: Using your thumb or fingers, push the top triangle through to the inside.

Step 11: Using your thumb or fingers, push the bottom triangle through to the inside also.

Step 12: Close the card...

Step 13: ...and press firmly.

Step 14: Open your Mouth Pop-up!

Source: Illustrator Robert Sabuda. Find his pop-up books in our catalog! www.piercecountylibrary.org
### Summer Vacation Bingo

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>![pic1]</td>
<td>![pic2]</td>
<td>![pic3]</td>
<td>![pic4]</td>
</tr>
<tr>
<td>![pic5]</td>
<td>![pic6]</td>
<td>![pic7]</td>
<td>![pic8]</td>
</tr>
<tr>
<td>![pic9]</td>
<td>![pic10]</td>
<td>![pic11]</td>
<td>![pic12]</td>
</tr>
<tr>
<td>![pic13]</td>
<td>![pic14]</td>
<td>![pic15]</td>
<td>![pic16]</td>
</tr>
<tr>
<td>![pic17]</td>
<td>![pic18]</td>
<td>![pic19]</td>
<td>![pic20]</td>
</tr>
</tbody>
</table>

1. Color pictures. Draw your own picture in the center square.
2. Watch for the pictures when you take a car trip. Mark the pictures you see.

Play Blackout Bingo
- Find and mark all the pictures on your sheet.

Play Lines Bingo
- Find and mark five in a row.

Twinkle, twinkle traffic light
Round the corner shining bright.
Red means stop, green means go,
And yellow means go very slow.
Twinkle, twinkle traffic light
Round the corner shining bright.
Instructions

1. Decorate the frame.
2. Tape a summer photo to the center of the frame.