



Photo Scavenger Hunt



You will be exploring the great outdoors with your camera and discovering how zoom functions change your picture.

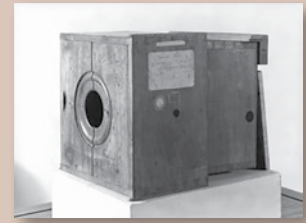
WHAT YOU NEED:

- Camera, iPad or smartphone
- Paper
- Pencil

HOW TO:

- Using your pencil and paper create a list of 5-10 things you want to find outside. Some ideas could be nuts, leaves, squirrels, clouds, insects, etc.
- Make sure you know how to take a picture, delete a picture and zoom using your camera.
- With your grownup's permission, head outside with your list, pencil and camera.
- Using your scavenger hunt list, start looking for some of the things you recorded.
- Whenever you find one of your scavenger hunt items, pause to take some pictures. Try using your zoom to take close-up photos. What happens if you shift from laying on the ground to standing over your item? Can you make an ant seem gigantic in a photo? What do leaves look like up close? Does the image get fuzzier when you zoom in or is it still clear?
- Once you have photos of all of your items, you're all done!

Fun Fact

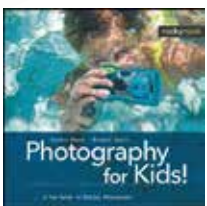


The first camera was invented in 1816 by Nicéphore Niépce. He used a device to project an image on a piece of paper coated with silver chloride that darkened when exposed to light.

WHAT'S HAPPENING?



Zooming in and out makes objects appear closer or farther away in an image. Some cameras and phones use optical zoom, or glass lenses inside the device that act almost like a telescope extending out or drawing back in depending on if you're zooming in or out. Some cameras and phones use digital zoom, which uses mathematical formulas to cut out parts of your picture as you zoom in closer, or add those parts back in if you zoom back out.



Related Books:

- *Photography for Kids! A Fun Guide to Digital Photography* by Michael Ebert
- *Step Gently Out* by Helen Frost
- *The Secret Life of Squirrels* by Nancy Rose