

At-Home Science

Kindergarten Investigations

SPRING is in the air. Everywhere around you, spring is starting to take hold. You can find **evidence** of spring all around where you live.

Investigation:

1. Be sure to ask an adult for permission to go outside and look around your home.
2. Look for signs of spring.

Here are some ideas of what to look for:



3. Use a Science Notebook (pieces of paper stapled together is perfect) to draw and write about what you see.
4. Now draw your favorite Spring activity. What do you like to do in the springtime? Be sure to draw and write about your favorite activity in the Spring.

My favorite activity in the Spring is gardening!

5. Finally, read about Plants and their Seeds from ReadWorks: <https://www.readworks.org/article/Plants-and-their-Seeds/56ad383b-c195-44f0-8305-8bc54f877ec3#!articleTab:content/contentSection:d30389ee-779f-4904-b2be-0af7f4185462/>

Plants and their Seeds



Every part of a plant has a job to do.

The **leaves** make food for the plant. Leaves use sunlight to make food.

The **stem** holds the plant up. Without a strong stem, the plant would fall down.

The **roots** grow underground. Roots take in water for the plant.

Flowers look pretty, but they have a job too! They make sure new plants will grow. Seeds grow inside flowers. The seeds will fall to the ground. Many of the seeds will grow into new plants.

How Plants Work



Many plants start out as small seeds. How does a seed grow?

First, a seed falls or is put into dirt. Water and the sun's light might help the seed to start growing.

Soon, the seed breaks open. Roots start to grow down into the dirt. Then a shoot pushes up through the dirt. The stem and leaves pop out next.

Soon, the little plant will be grown-up.

- Think about these questions:
 1. Can you find all the different parts of a plant: roots, stem, leaves, and flower?
 2. How do these different parts help the plant grow

Try this at home: grow some seeds at home.

- **Soak** a bean seed in water for a few hours.
- Then place on a wet paper towel. Put this in a plastic bag. Be sure to keep **damp**.
- How long does it take the seeds to **sprout**?
- Plant these seedlings in some soil and watch them grow!

Things to do each day:

- Draw your seedling as it grows. How does it change?
- Measure your seedling every other day. How much does it grow?
- Identify plant parts: roots, stem, leaves, flower, fruit, seeds.
- Go on a seed walk around your home. Collect some seeds. **Be sure to ask permission from an adult first!**
- See if any of these seeds will start to grow. Do you know how to get them to grow?
- Find seeds in the foods you eat. Will these grow too? Find out!

