

Where Will My Seed Grow?

DRAW A PICTURE OF A GARDEN:

(Don't forget the water!)

Student Name: _____

Teacher:



Developed by:
NCDEQ-DEMLR Sediment Education Program
NCDEQ-DWR Water Education Program

Soil

What do you know about soil?



Do you know:

- What soil is made up of?
- The different types of soil?

How does soil help plants?

How do you feel about your knowledge of soil?

Draw a  or a 

Water

What do you know about water?



Where do we find water?

How does water help plants?

How do you feel about your knowledge of water?

Draw a  or a 

Instructions for Planting My Seeds

You will need:

- Seeds
- Soil
- Cup (optional)
- Seed location marker (popsicle sticks)
- Trowel
- Water

Choose three different places to plant your seeds.

Each location should have something different about it.

Here are some examples of what could be different:

- Different soil types (sand, silt, clay, loam)
- Eroded versus non-eroded soil
- Natural topsoil versus potted soil

Plant your seeds inside in a cup or outside in the ground or in a garden

- To plant your seeds in a cup:
 - Put 1 to 2 inches of soil in the bottom of your cup
 - Place 1 seed in the cup
 - Put 1 to 2 more inches of soil on top of the seed
 - Keep soil lightly moistened and in the sunlight
- To plant your seeds outside:
 - Dig a 1 to 2-inch-deep hole in the soil
 - Place 1 seed in the middle of the hole
 - Lightly cover the seed with soil
 - Use a location marker to mark the spot
 - Water your planted seed

Planting my seeds:

Location # 1

Describe the first location you planted a seed:

Draw a picture of the seed you planted:

Planting my seeds:

Location # 2

Describe the second location you planted a seed:

Draw a picture of the seed you planted:

Planting my seeds:

Location # 3

Describe the third location you planted a seed:

Draw a picture of the seed you planted:

Questions along the way:

How does weather help our garden?



What is the purpose of soil?

What can we use to keep our plants happy?

Where's the water?





The next part of this booklet is for you to record what you see (observations) as your plants start to grow.

Seed in Location #1

Explain what you have done so far:

First, I...

Next, I...

Finally, I...

Observations:

Draw a picture of the seed you planted in Location #1 after it started to grow. Measure the height of your plant!

Seed in the Location #2

Explain what you have done so far:

First, I...

Next I...

Finally, I...

Observations:

Draw a picture of the seed you planted in Location #2 after it started to grow. Measure the height of your plant!

Seed in Location #3

Explain what you have done so far:

First, I...

Next, I...

Finally, I...

Observations:

Draw a picture of the seed you planted in Location #3 after it started to grow. Measure the height of your plant!

Wrapping up:

Did you do anything to help your seeds grow? What?

Which location did the seed grow best? Why?

Are there any questions that you still have about soil, water, or what plants need to grow?