

3-5

Let's talk PLANTS!

New Brunswick is preparing for another planting season, so plants and agriculture are this week's theme!

NUMERACY

- The **area** of a rectangle garden is 24 m^2 . What could be the possible dimensions of the garden? List different possibilities.

24 m^2

Area
amount of surface **INSIDE** a space

Count the squares inside the shape.

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

Each square is 1 square centimeter.

Area = 9 sq cm

Perimeter
distance **AROUND** an object

1. Measure each side.

2. Add the sides together.

3 cm

3 cm

$3+3+3+3 = 12$

3 cm

3 cm

Perimeter = 12 cm

LITERACY 3 to 3

Click the following links to listen:

- To the book [Yellow and Pink](#)
- To chapter 1 of [Seven Day Magic](#)
- To week 2 of the [rhyme/oral story/thought problem:](#)
- After listening to the oral story this week, tell the story to someone who is not in your home, through a phone call or a video chat.

- ✓ Try to **read** with a family member or on your own, for at least **30 minutes each day!**
- ✓ Spend **30 minutes** of your day being **physically active!**

Each year it is estimated that 1/3 of all food produced in the world (valued at close to one trillion dollars) ends up in garbage bins. This waste is due to poor harvesting/transportation or due to food rotting. Throwing away food is like throwing away money and precious natural resources.



Imagine you have \$100 to spend on groceries this week. Use the flyers to help you make your grocery list. Keep track of how much money you have spent. Will you have money left over? Will you be throwing food away?

Do you know these terms? Read each one, and see if you can teach someone else!

cotyledon

a thick leaf in a seed that provides food until the plant can begin to make its own food.

germination

the process by which a seed swells up, begins to sprout and develops a stem and roots.

pollination

the process by which pollen is moved from the stamen to the pistil of a flower by a pollinator.

- [Farmer's Market Challenge Game](#)
- Check out the other games on this site, there are many!

REMINDER!

Don't forget to enter for your chance to win a new bike! Information can be found on the school website! ☺

SCIENCE

Read this

Soil Layers

Soil is made up of distinct horizontal layers. If you could take an elevator ride through the earth's surface you would pass several distinct layers.

What are the layers of soil?

The **humus** is the topmost layer of soil. It contains quite a bit of living material, plants, decaying leaves, needles, moss, and more. This layer is thin and very dark in color.

The **topsoil** is the next layer down. It is made mostly of minerals, and most plant roots live here. This layer is also dark in color due to the amount of decaying plant and animal matter.

The **subsoil layer** is next. It is made of sand, silt and clay that have not been broken down all the way, so it usually has less organic material in it. It is also lighter in color.

The **parent material** is the next layer down. It is mostly rock that has been slightly weathered. Not many things live down here, except for the biggest tree roots.

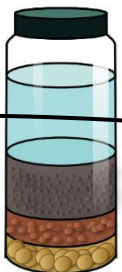
The **bedrock** is the lowest layer of soil. It is a solid rock layer.



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Try this!



Click for instructions.

Number Talks

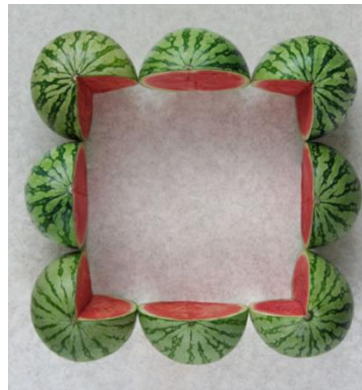
Look at the images below, what do you notice?
What do you wonder?

Send some of your thoughts to your teacher!

1.



2.



3.



Follow this link to a fun activity on soil layers – that you can eat!



Edible Science: Soil Layers Activity

Find more great science activities to try here!



Art

Start with a Seed



1. Glue any kind of seed (apple, pumpkin, watermelon) onto the middle of a piece of paper.

2. Paint, or draw and color, an imaginary plant around the seed. Include the roots going underground, and leaves/flowers/fruit above the ground.