

# 6-8

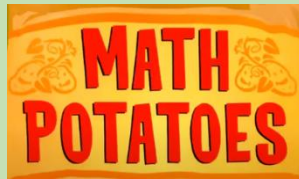
## Let's talk PLANTS!

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

- ✓ 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!**

### Numeracy

Potato Math!  
Check it out.



Design Your Own Garden!

Follow the link to access full instructions. 😊



#### Design Your Own Garden

This assignment may be done on paper, typed in Word, designed in PowerPoint, created in **Minecraft**, with cardboard, in your garden or any other format you can think of. Be creative. Use this opportunity to begin planting your own garden.



**\*Grade 7 and 8 students** all have a new account set up on IXL (Grade 6 is already using it). It is a great website (free!) with tons of Math and English practice at every level. Students should have received an email with individual login information. If not, or if you have questions please email: Megan.Munro@nbed.nb.ca

### Literacy

Read through the infographic below, and answer the following questions. Discuss with someone in your house.

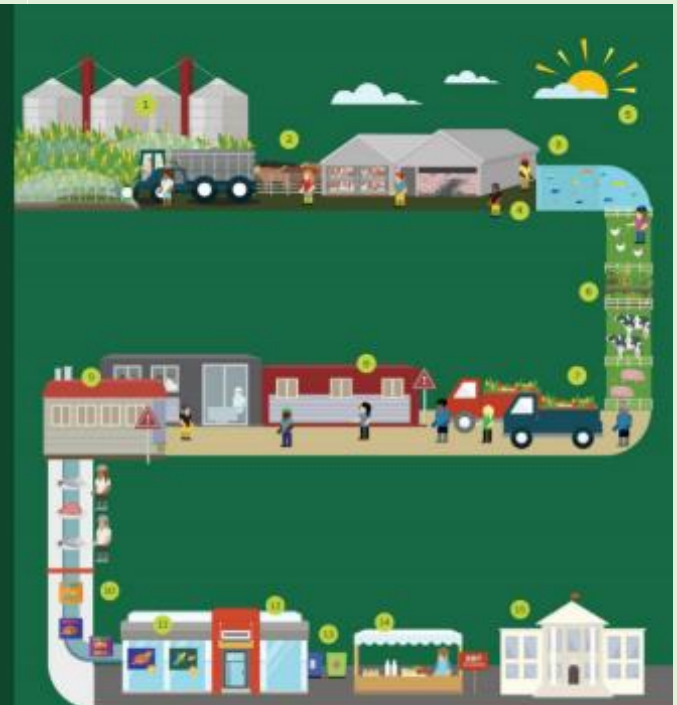
1. How many of points in the process do you have direct contact with? Which ones? (your parent works at McCain Foods which is a food processing facility - #9)
2. How many of the food productions (#1-3) is New Brunswick involved in? The Maritime Provinces?
3. Does food marketing affect you? How?

Week 4  
April 27-May 1

4. Do a bit of research, what is agroecology? Make sure you look for reliable information. Or, maybe you know someone who can explain it to you – have a conversation!
5. What aspects of this graphic are being affected by our current global situation? How? Be specific.

### FoodSpan Infographic

- |                           |                                |
|---------------------------|--------------------------------|
| 1. Crop production        | 9. Food processing             |
| 2. Food animal production | 10. Food labeling              |
| 3. Seafood production     | 11. Food marketing             |
| 4. Food chain workers     | 12. Food environments          |
| 5. Climate change         | 13. Food waste                 |
| 6. Agroecology            | 14. Hunger and food insecurity |
| 7. Food distribution      | 15. Food policy                |
| 8. Food safety            |                                |



- April is National Poetry Month - write an Ode to your favourite food! An ode is a lyrical poem that praises an individual, idea, item or event. 😊

# SOCIAL STUDIES

## Monoculture Crops:

A **monoculture** is when a single crop is grown in a large area, such as ten acres of potatoes. This is very common in modern agriculture as it allows farmers to harvest large amounts of one thing (potatoes, for instance) using the same chemicals and farm equipment. Monocultures create some environmental problems, however: It is easier for pests and diseases to spread in a monoculture than when crop rotation is used. Growing the same crop also puts a strain on the soil, which may need to be fertilized to support a monoculture crop each rotation.



**To Do:** Brainstorm some possible pros and cons of monoculture cropping! See if you can come up with four or more points for each side. If you personally know a farmer, feel free to ask them to help you with your chart! Some cons were listed above.

What do you think the article means by “crop rotation?”

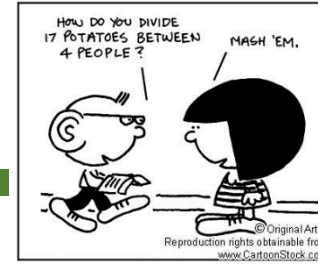
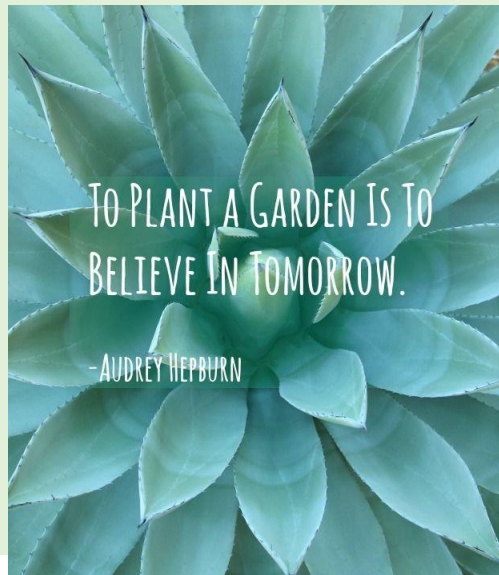
Pros	Cons

What might be one drawback for farmers using a crop rotation method in order to sustain monoculture crops? (See the Did You Know section for one answer).

Watch this video clip for more information and see if you can anything more to your brainstorming or to your understanding of crop rotation.



Did the video confirm or contradict your understanding of this practice?



## DID YOU KNOW?

**The most common crop in the world is wheat?** Wheat provides 20% of the daily protein and food calories for 4.5 billion people.

**For every acre of potatoes grown, farmers need four times that amount to allow for crop rotating?** The need to allow fields to “fallow” or to grow wild for a year, and then to be planted with several other species of crops before potatoes is a four-year cycle. Therefore, modern monoculture crop farmers need tremendous amounts of land.

**Grass is known as the ultimate survivor in the plant world?** It can grow on half a millimeter of soil and returns mere days after a fire! Grass is amazing!

## ART

Learn to draw this POTATO!



You just need a piece of green paper to try this origami sapling! How cute!

