



Friendly - Accountable - Leaders - Cooperative - Organized - Nurturing - Successful

Learning Opportunities for Grade 6 May 4th – 8th, 2020

Do your best to work on these learning opportunities for 2 hours each day. Focus on life skills, physical activity, mental well-being, and social connections as well. Stay healthy, stay safe!

This week, you will have a chance to come into the school to get your belongings, so please look for some things that you need to return to the school such as library or classroom books. You just might have an extra book to read, or some extra notebooks to use, that were hanging out in your locker! Check out the website or Facebook for Mrs. MacDougald's learning tip of the week – keeping all of your materials organized.

EVERY DAY:

30 minutes of reading

30 minutes of physical activity (See the Physical Activity Calendar for ideas!)

ELA/FILA

Twilight Comes Twice

Link to "Twilight Comes Twice" by Ralph Fletcher, read on YouTube:

<https://www.youtube.com/watch?v=QO61nJWWp2I>

Choose one, or all of the lines below, selected from the book and draw an image of what the line means.

1. Twice each day a crack opens between night and day. Twice twilight slips through that crack.
2. Fireflies appear, swimming through the air, writing bright messages in secret code.
3. Slowly dusk pours the syrup of darkness into the forest.

Extension activity: Using the same first words Ralph Fletcher uses for his sentences in Twilight Comes Twice, write a new story.

Garden Idioms

Common Garden Idioms

Apple of my eye	Nip it in the bud	Make a mountain of a molehill
Garden variety	Salad days	Turn over a new leaf
Lead you down the garden path	Seed money	To mend fences
Life is a bowl of cherries	Go to seed	A bee in your bonnet
Let grass grow under your feet	Shake like a leaf	Make a beeline
Small potatoes	Put down roots	Dig deep
The grass is always greener	Reap what you sow	Catch more bees with honey than with vinegar
Kick the bucket	A tough row to hoe	Make hay while the sun shines

1. Do some research (on the web or by asking an adult, or both) to find out what these idioms mean.
2. Choose one. Write a narrative that incorporates 3 or more of these idioms, **or** illustrate 3 or more of these idioms, **or** research the origin of 3 or more of these idioms, **or** create a cartoon that uses 3 or more of these idioms.

Garden Haiku

The haiku is a Japanese verse in three lines. Line one has 5 syllables, line two has 7 syllables and line three has 5 syllables. The 17 syllables are a compressed form which is a piece in praise of nature. Many original books of haiku verse in Japanese are illustrated gracefully in pen and ink sketches which capture the essence of a simple moment in nature. Haiku is a mood piece in which there is no rhyme.

Examples:

Old crow in command Always foraging for food On his daily route	A color riot Lilac bush bursts into bloom A splash of flowers	Ink black night cover A wrapper of soft silence Our way lit with stars	Water slaps the shore Against the white crystal sand Under a hot sun
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Try to **write your own haiku**, with a garden theme.

Line 1 (5 syllables)

Line 2 (7 syllables)

Line 3 (5 syllables)

ENGLISH READING:

Article: *Should All Children Get An Outdoor Education?*

While reading the text, use the annotation bookmark (below) to mark up the text using symbols that guide your thinking and understanding of the text. You should read the text at least twice.

<https://www.tweentribune.com/article/tween56/should-all-children-get-outdoor-education/>

Critical Thinking Text Response

Explain 1 benefit and 1 challenge when creating a successful outdoor school program.

Explain why you think there is a trend towards outdoor learning programs.

Quick Read

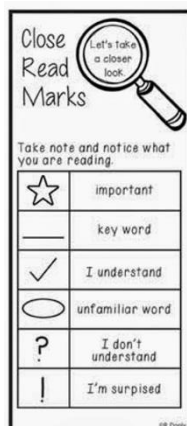
Article: *Great Pumpkins! Grower Wins Trifecta of Giant Food Titles*

While reading the text, use the annotation bookmark (below) to mark up the text using symbols that guide your thinking and understanding of the text. You should read the text at least twice.

<https://www.tweentribune.com/article/junior/great-pumpkins-grower-wins-trifecta-giant-food-titles/>

Critical Thinking Text Response

Explain what you think motivates people to grow the biggest fruit or vegetable.



FRENCH READING:

Article: *3 jardins scolaires en collaboration avec la municipalité grâce à Monsieur Jardin*

Please read the French article and answer the questions below, thoroughly. <https://lepointeur.ca/article/3-jardins-scolaires-en-collaboration-avec-la-municipalite-grace-a-monsieur-jardin/>

Questions sur le texte :

1. Dans tes propres mots, explique ce qu'est **un jardin** ou **un potager**.
2. Quelles sortes de légumes ont été récoltés à l'école Vert-Demain, à Saint-Paul?
3. As-tu déjà cultivé un potager? Si oui, quels aliments as-tu cultivé? Si non, quels aliments *aimerais-tu* cultiver dans ton propre jardin?
4. À ton avis, comment un potager scolaire peut-il améliorer la vie des élèves?

Optional Outdoor & Gardening Activities:



Math

Mental Math Activities

Do two of these questions a day! Remember- in your head, not with a calculator. Explain your strategy and show your work as if you are trying to explain what you are thinking in your head.

Grade 6

Distributive property

34×7 becomes $(30 \times 7) + (4 \times 7)$

1) 26×3

3) 59×4

5) 84×2

7) 29×3

9) 23×7

2) 61×4

4) 31×6

6) 55×6

8) 47×4

10) 36×6



Hey Falcons! Get Outside for Math

Take a walk outside and time yourself with a stopwatch. After, have your parents measure the distance in a vehicle. Calculate your speed. Try it a few times this week and in the weeks to come and see if your speed is improving. Bonus points for getting your family to join you!

Get your Green Thumbs Working; Design a Garden!

Design a garden given one or two specific measurements (i.e., with an area of 36 square meters, or 48) and have them figure out the largest and smallest space it could fit in (perimeter wise). They could also use the flyers to determine cost of fencing to put around, you could give them a measurement of how deep the soil should be and they could calculate volume of soil.



Grade 6- Supplementary Math Activities

Supplementary Activity 1: Remember the Order of Operations

The order of operations is:

Brackets

Multiply and Divide

Add and Subtract

Some people remember the order of operations by making up a sentence. Here is one example:

Betty Made Doughnuts At Sunset.

Work on your own or with a partner. Make up your own sentence to help you remember the order of operations. Write as many different sentences as you can. Share your ideas with your partner.

Take It Further

Choose the order of operations sentence you like best. Make a poster to illustrate it.

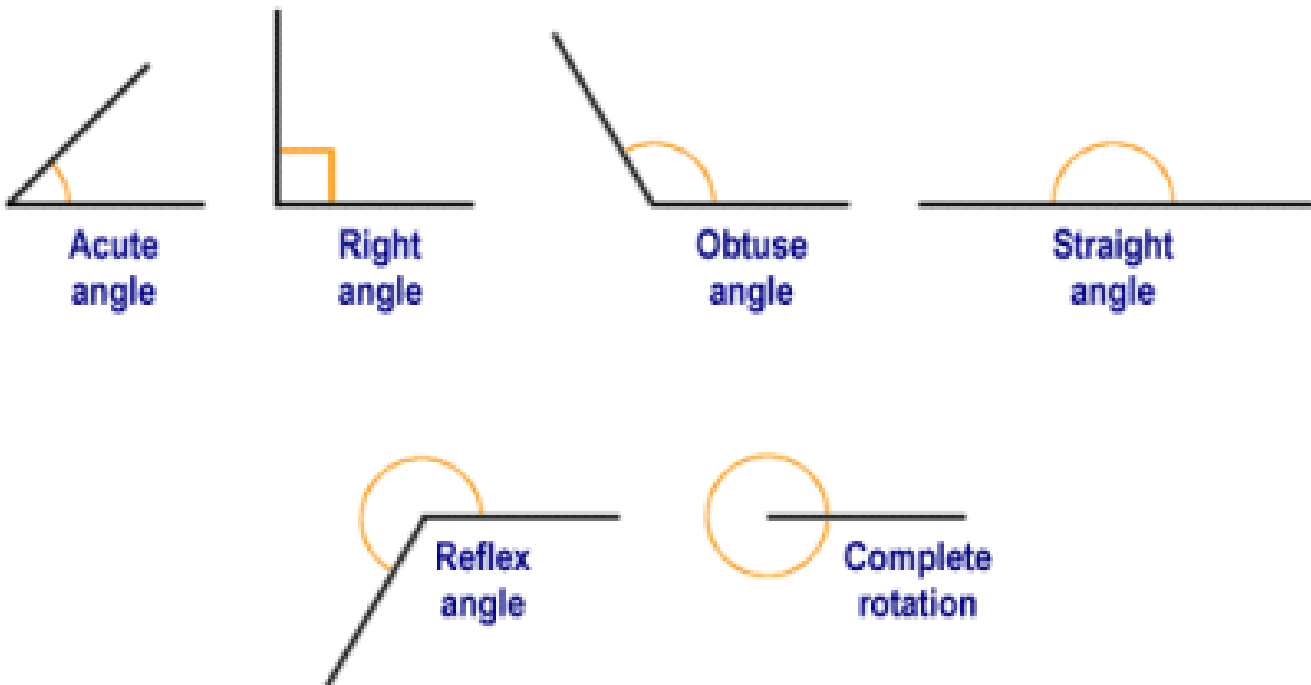
Supplementary Activity 2: Look Out for Angles

Work with a partner. You will need old magazines (or newspaper), scissors, glue, and paper.

- Look for angles in the magazines.
Cut out each angle.
- Sort the angles into 3 groups:
 1. Angles less than a right angle
 2. Angles equal to a right angle
 3. Angles greater than a right angle
- Label each angle as acute, right, obtuse, straight, or reflex.
- Glue the angles on paper to make an angle collage.

Take It Further

Draw a picture. Include items in your drawing with each type of angle: angles less than a right angle, angles equal to a right angle, and angles greater than a right angle.




Basic Facts

Have you been practicing your basic facts? The games we have provided each week can be something to do with your siblings or parents. Have you found a great app that helps you? Tell us about it.

This week, choose 3-4 lesser known multiplication math facts to work on by creating multiple card copies. Start with the smallest ones that give you trouble and get those under control. You can do it!

Give the **Multiplication Tic Tac Toe** game a try. After create your own!



Multiplication Tic Tac Toe

Multiply by up to 10x10

a game for 2 players

One player is X's and one is O's. Take turns to answer the multiplication and then place X or O over the multiplication. The first player to create a line of 3 is the winner. The line can go across, down or diagonally.

7x6	7x4	8x9	9x2	8x8	8x4
4x2	10x8	6x3	9x5	10x7	9x9
5x10	8x1	6x7	4x10	6x6	10x3

7x3	9x3	3x10	9x8	10x4	7x10
10x6	9x4	5x5	4x1	8x7	6x5
9x1	8x5	7x7	7x9	8x3	5x8

10x10	9x7	5x3	9x6	4x7	6x7
5x4	7x5	5x7	4x9	7x8	6x9
8x6	4x8	6x4	4x4	7x1	8x4

Vegetable Gardens!

Spring is the time of year where farmers and many households begin to plan their vegetable garden. Did you know that some plants grow better when they are planted together? These plants are often referred to as companion plants.



1. If you were going to plant a garden what ten plants would you include? Are any of your plants companion plants? Are some of your plants incompatible?
2. Using the chart below organize your garden to optimize companionable relationships and minimize incompatible relationships.

PLANTS GROW WELL TOGETHER	BENEFICIAL TO GARDEN IN GENERAL	COMBINATION HELPS BUG CONTROL	CARROTS WILL HAVE GOOD FLAVOR BUT STUNTED ROOTS	DON'T PLANT TOGETHER
BASIL OREGANO, PEPPERS, TOMATOES, SAGE, THYME	GARLIC BROCCOLI, CAULIFLOWER, LETTUCE, STRAWBERRY, TOMATOES, THYME, SAGE, BEANS, PEAS	PEPPERS BASIL, CARROTS, CUCUMBER, OREGANO, PARSLEY, PEAS, ROSEMARY, SQUASH, SWISS CHARD, TOMATOES, SAGE, THYME, BEANS, BROCCOLI, CAULIFLOWER		
BEANS BROCCOLI, CARROTS, CAULIFLOWER, CORN, CUCUMBER, PEAS, ROSEMARY, STRAWBERRY, SWISS CHARD, TOMATOES, THYME, SAGE, CHIVES, GARLIC, LEEKS, MARIGOLD, ONION, PEPPERS	LEEKs CARROTS, ONION, SPINACH, SAGE, THYME, BEANS, PEAS	ROSEMARY BEANS, BROCCOLI, CARROTS, CAULIFLOWER, PEPPERS, SAGE, THYME		
BROCCOLI BEANS, CARROTS, CHIVES, CUCUMBER, DILL, GARLIC, LETTUCE, NASTURTIUM, ONION, ROSEMARY, SAGE, SPINACH, SWISS CHARD, THYME, OREGANO, PEPPERS, SQUASH, STRAWBERRY, TOMATOES	LETTUCE BROCCOLI, CARROTS, CAULIFLOWER, CUCUMBER, DILL, GARLIC, ONION, SPINACH, SQUASH, STRAWBERRY, TOMATOES, SAGE, THYME	SAGE BROCCOLI, CARROTS, CAULIFLOWER, BASIL, BEANS, CHIVES, CILANTRO, CORN, DILL, GARLIC, LEEKS, LETTUCE, MARIGOLD, MELON, NASTURTIUM, ONION, OREGANO, PARSLEY, PEAS, PEPPERS, ROSEMARY, SAGE, SPINACH, SQUASH, STRAWBERRY, SUNFLOWER, SWISS CHARD, THYME, TOMATOES, CUCUMBER		
CARROTS BEANS, BROCCOLI, CAULIFLOWER, CHIVES, LEEKS, LETTUCE, ONION, PARSLEY, PEAS, PEPPERS, ROSEMARY, SAGE, THYME, TOMATOES, DILL	MARIGOLD MELON, TOMATOES, SAGE, THYME, SQUASH, BEANS	SPINACH BROCCOLI, CAULIFLOWER, LEEKS, LETTUCE, PEAS, STRAWBERRY, SAGE, THYME, CILANTRO		
CAULIFLOWER BEANS, CARROTS, CHIVES, CUCUMBER, DILL, GARLIC, LETTUCE, NASTURTIUM, ONION, ROSEMARY, SAGE, SPINACH, SWISS CHARD, THYME, OREGANO, PEPPERS, SQUASH, STRAWBERRY, TOMATOES	MELON CORN, MARIGOLD, NASTURTIUM, SQUASH, SUNFLOWER, SAGE, THYME	SQUASH CORN, LETTUCE, MELON, PEAS, PEPPERS, SAGE, THYME, MARIGOLD, NASTURTIUM, BROCCOLI, CAULIFLOWER		
CHIVES BROCCOLI, CARROTS, CAULIFLOWER, PARSLEY, TOMATOES, SAGE, THYME, PEAS, BEANS	NASTURTIUM BROCCOLI, CAULIFLOWER, CUCUMBER, MELON, TOMATOES, SAGE, THYME, SQUASH	STRAWBERRY BEANS, GARLIC, LETTUCE, ONION, PEAS, SPINACH, THYME, SAGE, BROCCOLI, CAULIFLOWER		
CILANTRO SAGE, THYME, SPINACH	ONION BROCCOLI, CARROTS, CAULIFLOWER, CUCUMBER, DILL, LEEKS, LETTUCE, PARSLEY, STRAWBERRY, SWISS CHARD, TOMATOES, SAGE, THYME, BEANS, PEAS	SUNFLOWER CORN, MELON, SAGE, THYME		
CORN BEANS, CUCUMBER, DILL, MELON, PARSLEY, PEAS, SQUASH, SUNFLOWER, SAGE, THYME, TOMATOES	OREGANO BASIL, PEPPERS, BROCCOLI, CAULIFLOWER, SAGE, THYME	SWISS CHARD BEANS, BROCCOLI, CAULIFLOWER, ONION, PEPPERS, SAGE, THYME		
CUCUMBER BEANS, BROCCOLI, CAULIFLOWER, CORN, DILL, LETTUCE, NASTURTIUM, ONION, PEAS, PEPPERS, TOMATOES, THYME, SAGE	PARSLEY CARROTS, CHIVES, CORN, ONION, PEAS, PEPPERS, TOMATOES, SAGE, THYME	THYME BROCCOLI, CAULIFLOWER, STRAWBERRY, BASIL, BEANS, CARROTS, CHIVES, CILANTRO, CORN, CUCUMBER, DILL, GARLIC, LEEKS, LETTUCE, MARIGOLD, MELON, NASTURTIUM, ONION, OREGANO, PARSLEY, PEAS, PEPPERS, ROSEMARY, SAGE, SPINACH, SQUASH, SUNFLOWER, SWISS CHARD, THYME, TOMATOES		
DILL BROCCOLI, CAULIFLOWER, CORN, CUCUMBER, LETTUCE, ONION, SAGE, THYME, CARROTS, TOMATOES	PEAS BEANS, CARROTS, CORN, CUCUMBER, PARSLEY, PEPPERS, SPINACH, SQUASH, STRAWBERRY, SAGE, THYME, CHIVES, GARLIC, LEEKS, ONION	TOMATOES BASIL, BEANS, CHIVES, CUCUMBER, GARLIC, LETTUCE, MARIGOLD, NASTURTIUM, ONION, PARSLEY, PEPPERS, SAGE, THYME, CARROTS, BROCCOLI, CAULIFLOWER, CORN, DILL		

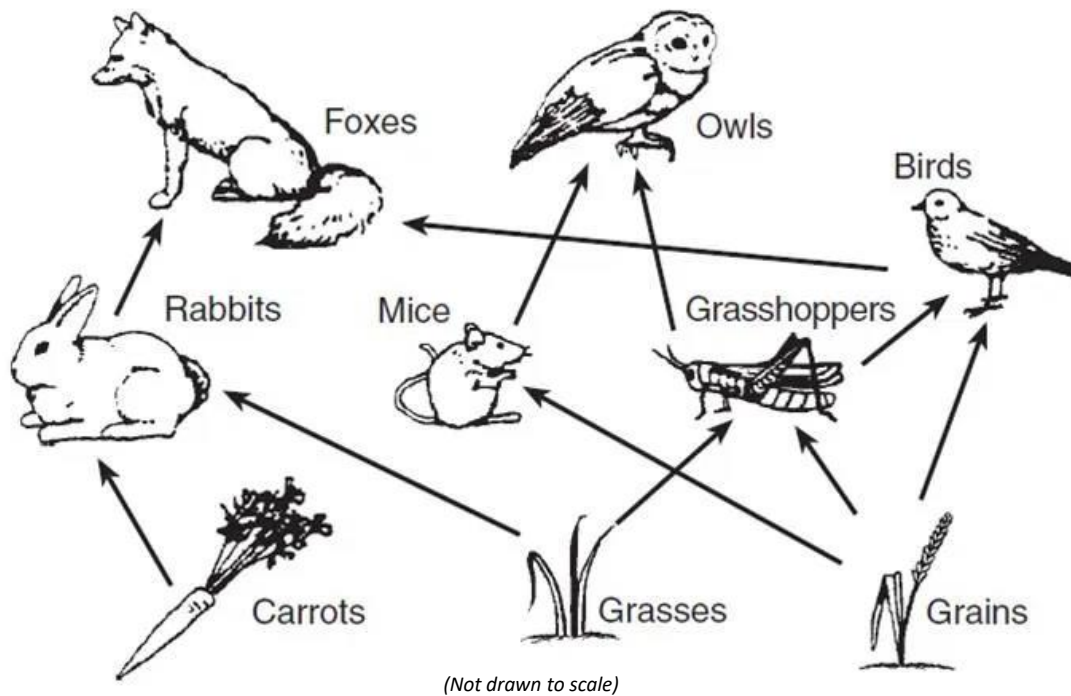
Science Challenge

Harvest some seeds from the fresh vegetables you have around the house and plant them. Record how well they grow.

Grade 6: Food Web Activity

Draw and label a food web similar to the example below. Base your food web on insects, plants and animals that are in your yard or around your garden.

*Make sure the arrows are pointing at what eats the animal, plant or insect!



Extension - this website lists all of the insects found in New Brunswick; <https://www.insectidentification.org/insects-by-state.asp?thisState=New%20Brunswick>

Try to find specific insects that are around your garden or back yard. Label your food web with the specific names of what you found instead of just writing butterfly, bug or bee.

Draw Your Nature Journal!

Do you like to let your artistic skills shine in all subjects? Do you ever get tired of all the writing we do in school? Give this activity a try. You can work on this every week if you like.



Materials Needed: Blank cards (Don't have any? We have you covered – simply recycle a cereal box by cutting it into 4x6 cards,) pencil, pencil crayons, paints.

ACTIVITY: Take a short walk in a nearby natural area. Choose a plant or animal that you see outside to draw or paint. Be sure to focus strongly on your observation of the chosen plant or animal. Once you have completed the drawing/painting lie down and reflect on what features attracted you to the chosen plants and animals, then record your thoughts on the back of your card or a separate card.

FREQUENCY: Do this activity three times this week – you will then have a collage of drawings that you can add to your journal/notebook that you are keeping for your home learning. Better yet, hang them in your room or give them away to a loved one.

ACTIVITY OPTIONS: A) Photograph your plant or animal in addition to drawing it. B) Record questions along with recorded observations.

Social Studies

Hope Blooms

Watch the children of Hope Blooms pitch to the Dragons of Dragon's Den, then answer the questions that follow:

<https://www.cbc.ca/player/play/2418117518>

1. Explain what the children of Hope Blooms pitched to the Dragons:
 - a) What does Hope Blooms sell?
 - b) How much money did they make in one year?
 - c) What do they hope to do with the money from the Dragons?
2. What is a social entrepreneur? (You may be able to infer the meaning of this term from watching or you may have to research this term.)
3. How are the children of Hope Blooms an example of social entrepreneurs?

Investigate the Hope Blooms website.

1. Read through the "Impact" section. <https://hopeblooms.ca/impact/> What are three ways that Hope Blooms has had an impact on the community?
2. Read through the "Community Programs" section. <https://hopeblooms.ca/programs/> Explain any one of the six types of programs that are available in the Hope Blooms community.

Optional Extension activity: Try one of their recipes. <https://hopeblooms.ca/recipes/>

Victory Gardens

Read the following article on victory gardens and answer the questions that follow:

<https://thecanadianencyclopedia.ca/en/article/victory-gardens-editorial>

1. What is a victory garden?
2. Why did people plant victory gardens?
3. List 5 examples of veggies that would have been grown in WWI victory gardens.
4. Besides WWI, when were victory gardens used?

Read the following article about modern victory gardens.

<https://www.cbc.ca/news/canada/newfoundland-labrador/anide-bulman-growing-food-indoors-during-the-pandemic-1.5524799> Why would someone want to plant a victory garden today?

Extension possibilities:

- A) Research victory gardens for saving the bees
- B) Research victory gardens for furthering sustainable development goals

Other Activities/Links

Khan Academy <https://www.khanacademy.org/> , also in FRENCH <https://fr.khanacademy.org/>

(This is an excellent resource for mathematics, as well as higher level sciences. It includes free expert- created lessons with quizzes that have a 'game' format where you can earn points.)

Interested in science? Check out <https://www.nasa.gov/nasa-at-home-for-kids-and-families>

Check out the **Florenceville Middle Home and School Facebook page** for weekly challenges to get our Falcons interacting! Also, find daily science, technology, engineering and math challenges at the **Brilliant Labs Facebook Page**

FREE book in English and French, both e-book and audiobooks! Go to <https://Soraapp.com>, type **NB** in the "find my school" field, then select "New Brunswick Department of Education and Childhood Development." Use your school username and password to sign in!

FMS Learning Opportunities for the week of May 4-8, 2020

Monday	Tuesday	Wednesday	Thursday	Friday
<ul style="list-style-type: none"> ✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal 	<ul style="list-style-type: none"> ✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal 	<ul style="list-style-type: none"> ✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal 	<ul style="list-style-type: none"> ✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal 	<ul style="list-style-type: none"> ✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal

Weekly Activities

Grade 6	Grade 7	Grade 8
<ul style="list-style-type: none"> ✓ Article "Twilight Comes Twice" ✓ Garden Idioms ✓ Garden Haiku ✓ English Reading <i>Article: Should All Children Get an Outdoor Education?</i> ✓ French Reading <i>Article: Great Pumpkins! Grower Wins Trifecta of Giant Food Titles</i> ✓ How fast can you walk? ✓ Design a garden ✓ Order of Operations ✓ Look out for Angles! ✓ Multiplication Tic Tac toe ✓ Plan your Veggie Garden ✓ Science Challenge ✓ Food Web ✓ Draw your Nature Journal ✓ Hope Blooms Video & Questions ✓ Victory Garden Article 	<ul style="list-style-type: none"> ✓ Article "Twilight Comes Twice" ✓ Garden Idioms ✓ Garden Haiku ✓ English Reading <i>Article: Insects Interacting with Plants Play Mighty Roles on Earth for Millennia</i> ✓ French Reading <i>Article: Les Albertains cultivent des potagers durant la pandémie</i> ✓ How fast can you walk? ✓ Design a garden ✓ Greatest Sum! ✓ What's the temperature? ✓ Multiplication Tic Tac toe ✓ Plan your Veggie Garden ✓ Science Challenge ✓ Earth's Crust: Soil Composition Activity ✓ Draw your Nature Journal ✓ Hope Blooms Video & Questions ✓ Victory Garden Article 	<ul style="list-style-type: none"> ✓ Article "Twilight Comes Twice" ✓ Garden Idioms ✓ Garden Haiku ✓ English Reading <i>Article: Urban Students Grow Food at Los Angeles School Garden</i> ✓ French Reading <i>Article: Great Pumpkins! Grower Wins Trifecta of Giant Food Titles</i> ✓ How fast can you walk? ✓ Design a garden ✓ Integer Racing ✓ From One to Ten Challenge ✓ Multiplication Tic Tac toe ✓ Plan your Veggie Garden ✓ Science Challenge ✓ Plant Cell Model Activity ✓ Draw your Nature Journal ✓ Hope Blooms Video & Questions ✓ Victory Garden Article

Other Activities

- ✓
- ✓
- ✓