

Grade 8



SUCCESS for Every Student

Literacy Calendar

Grand Erie values languages and home cultures. We invite all our families and students to complete some of these activities in English, French, or their own first/home language.

Date	Activity
Monday, April 20	Think about a memorable setting in a book you have read. You are now a travel agent and must “sell” tourists on coming to your location. How would you do this?
Tuesday, April 21	Imagine you can have any animal in the world as a pet. Write a letter to your parents explaining why they should let you get this animal. Think about costs and housing as well as the benefits you will get from having it.
Wednesday, April 22	Something strange happened over night and you have woken up as one of your pets (or a pet you wish you had). Create a timetable for what you would do for one full day. Who would you interact with and why?
Thursday, April 23	Amazing Artifact – An artifact is an object that has significance or meaning behind it. What would be an artifact that would best describe YOU? Communicate what it is, and why it best exemplifies you.
Friday, April 24	A haiku is a short poem consisting of 3 lines. Line 1 has 5 syllables, line 2 has 7 and the third line has 5 again. They are usually about nature and use similes and metaphors to compare two different elements. Experiment with this type of poetry to see what you can create.

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Numeracy Calendar

Date	Activity
Monday, April 20	<p>Some numbers like 1, 4, 9, 16 are called square numbers. Some numbers like 1, 3, 6, 10 are called triangular numbers. Why would these numbers be identified as square or triangular. Can you name other square and triangular numbers? (Hint: you might find building these quantities with objects helpful to answer this question.)</p>
Tuesday, April 21	<p>Draw three different triangles that have one side 2cm long and one side 4cm long. Which triangle has the greatest area?</p>
Wednesday, April 22	<p>Using string or yarn and some chair legs (one or more chairs), see how many different angles you can make? How could you measure those angles if you don't have a protractor?</p>
Thursday, April 23	<p>A number is 5 times larger than another number. If you add 6 to the sum of those numbers it equals 60. What are the 2 numbers?</p>
Friday, April 24	<p>If the theoretical probability of rolling a "4" on a die is $\frac{1}{6}$, predict how many times the outcome will be "4" if you roll the die 42 times. Now try it. Roll the die 42 times. Did the number of times you rolled a "4" agree with the theoretical probability? Explain why this happened.</p>

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SUCCESS for Every Student

Science

Understanding Life Systems

Big Idea

Cells are the basis of life. Demonstrate an understanding of the basic structure and function of animal and plant cells and cell processes. For this week, choose one option below.

Option 1

Medical scientists are now able to identify genetic markers which can predict medical problems. Write a paragraph detailing your opinions on whether we should know this information or not.

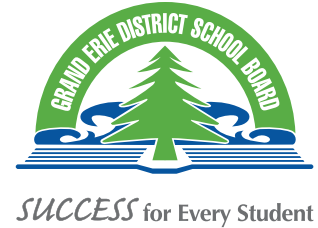
Option 2

<https://school.eb.com/levels/middle/article/cell/273572>

Follow the link above and fill in the chart to identify different cell organelles and their functions.

Organelle Name	Plant, Animal, Both	Function
Cell Nucleus		
Ribosome		
Lysosome		
Golgi Bodies		
Mitochondrion		
Cell Membrane		
Cell Wall		
Chloroplast		
Endoplasmic Reticulum		
Vacuole		

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Science

Understanding Life Systems

Option 3

Here is a list of organisms:

- Amoeba
- Paramecium
- Euglena
- Diatom
- Chlamydomonas
- Stentor

You are to research:

How does it move

How does it get energy

Find a microscopic image of it (not a drawing) and draw it including as much detail as possible.

Questions to prompt discussion:

- How do you think cells combine to form different tissues such as muscles and nerves?
- What would happen if a cell organelle failed to do its job? Can you relate this to something in your life?
- What happens when you place a cut flower/plant in salt water and fresh water? What do you think is happening?
- If you had to describe the jobs of each organelle as a building in your town what building would they be?
- Would you rather be a plant or an animal cell? Why?