

Grades 5 and 6

GR. 5 MATH EXPECTATION

Collect and organize discrete or continuous primary data and secondary data and display the data using charts and graphs, including broken-line graphs. Read, describe, and interpret primary data and secondary data presented in charts and graphs, including broken-line graphs.

GR. 6 MATH EXPECTATION

Collect and organize discrete or continuous primary data and secondary data, and display the data using charts and graphs, including continuous-line graphs. Read, describe, and interpret data and explain the relationship between sets of data.

OUR REAL-WORLD PROBLEM SOLVING AND INNOVATION TASKS TRANSFORMS OUR THINKING BECAUSE... We are able to gather data about Canada's trading nations and by doing so we are able to analyse the data to find out the correlation between exports and imports.

Home-Connection Tip

- Visit the grocery store. Collect data on what items are made/grown locally and what are being imported. The fruits and vegetables section is a good place to start. Give yourself an extra challenge. Check the labels on the products/produce and note which country export them. Using charts and graphs, find out who our greatest trading partners are.

GR. 5 AND 6 FRENCH EXPECTATION

Students will identify and use a variety of oral vocabulary from their personal word list to describe a science experiment.

OUR FRENCH INQUIRY TRANSFORMS OUR THINKING BECAUSE... We are able to integrate our French language skills through our science experiments and with other subjects in meaningful ways.

Home-Connection Tip

- With your child, watch a movie in French with English sub-titles or attend a French play.

This brochure suggests practical examples of the curriculum expectations that can be implemented at home for teachable moments in **EVERYDAY LIFE**.

Grades 7 and 8

GR. 7 MATH EXPECTATION

Collect and organize categorical, discrete, or continuous primary data and secondary data and display the data using charts and graphs, including relative frequency tables and circle graphs. Make and evaluate convincing arguments, based on the analysis of data.

GR. 8 MATH EXPECTATION

Collect and organize categorical, discrete, or continuous primary data and secondary data and display the data using charts and graphs, including frequency tables with intervals, histograms, and scatter plots. Apply a variety of data management tools and strategies to make convincing arguments about data.

OUR REAL-WORLD PROBLEM SOLVING AND INNOVATION TASKS TRANSFORMS OUR THINKING BECAUSE... We are able to gather data about various areas of the GTA and by doing so make recommendations regarding geographic areas that would benefit most from our canned food drive donations.

Home-Connection Tip

- Find sport statistics with your child and together calculate the mean, median and mode of the data.

GR. 7 AND 8 FRENCH EXPECTATION

Students will identify and use a variety of appropriate vocabulary and expressions associated with a science experiment in a variety of rehearsed and routine situations.

OUR FRENCH INQUIRY TRANSFORMS OUR THINKING BECAUSE... Our science experiment provides us with hands-on learning experiences with the scientific method.

Home-Connection Tip

- Subscribe to a French magazine
- Take a trip to the Science Centre and have your child translate the displays in French

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HOME & SCHOOL CONNECTION

Student-Led Learning Walk



Supporting the Ministry of Ontario Education
Curriculum Expectations at Home
(A Guide for Parents K-8)

Ontario Ministry of Education
Curriculum Expectations- *Focus for November 2013*

MATH EXPECTATION

Data Management

FRENCH EXPECTATION

Integrated Science Inquiry Approach

Access the **Ministry of Ontario Education** Curriculum documents for your child's grade at:
<http://www.edu.gov.on.ca/eng/curriculum/elementary>



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Kindergarten (JK/SK)

KINDERGARTEN MATH EXPECTATION

Sort, classify, and display a variety of concrete objects, collect data, begin to read and describe displays of data.

OUR REAL-WORLD PROBLEM SOLVING AND INNOVATION TASKS TRANSFORMS OUR THINKING BECAUSE...

We realize we can have more than one reason behind making choices. We are learning that things do not always go according to plan and what we do affects our world and our earth.

Home-Connection Tips

- Provide opportunities for your child to count sets of objects and identify which set has more, fewer, or the same amount (i.e. Are there more spoons or forks in the cutlery drawer?)
- Encourage your child to solve real world problems by posting a question on the fridge door, telephone or light switch (i.e. How many times do we open the fridge door in one day?) and provide a pencil and paper to record the tally data.

THE INQUIRY PROCESS

Gathering and Organizing Data

Interpreting and Analyzing Data

Questioning

Communicating

Evaluating and Drawing Conclusions



Ontario Catholic Graduate Expectations

1. I am a believer!
2. I have a voice!
3. I have ideas!
4. I am a learner for life!
5. I am a team player!
6. I care!
7. I have responsibilities!

Grades 1 and 2

GR. 1 MATH EXPECTATION

Collect and organize categorical primary data and display the data using concrete graphs and pictographs, without regard to the order of labels on the horizontal axis. Read and describe primary data presented in concrete graphs and pictographs.

GR. 2 MATH EXPECTATION

Collect and organize data and display the data, using tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers. Read and describe primary data presented in tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers.

OUR REAL-WORLD PROBLEM SOLVING AND INNOVATION TASKS TRANSFORMS OUR THINKING BECAUSE...

We are learning how to make good decisions and healthy choices. We were able to understand the data we collect about the foods we eat and the way we play in the school yard. We are able to discuss changing our decisions for the better so we can all be safe when we play together and can be healthy when we eat.

Home-Connection Tips

- During meal times, have discussions with your child about the nutritional value of the foods you are eating.
- Invite your child to share and describe their recess activities at school.

GR. 1 AND 2 FRENCH EXPECTATION

Students will listen to, repeat and use new vocabulary, following a model to describe a science experiment.

OUR FRENCH INQUIRY TRANSFORMS OUR THINKING BECAUSE...

We become scientists in the classroom, learning about water and plants using the French language.

Home-Connection Tip

- Listen to French music and watch a French television program with your child.

Grades 3 and 4

GR. 3 MATH EXPECTATION

Collect and organize primary data and display the data using charts and graphs, with labels ordered along horizontal axes, as needed. Read, describe, and interpret primary data presented in charts and graphs, including vertical and horizontal bar graphs.

GR. 4 MATH EXPECTATION

Collect and organize primary data and display the data using charts and graphs, including stem-and-leaf plots and double bar graphs. Read, describe, and interpret primary data and secondary data presented in charts and graphs, including stem-and-leaf plots and double bar graphs.

OUR REAL-WORLD PROBLEM SOLVING AND INNOVATION TASKS TRANSFORMS OUR THINKING BECAUSE...

We are able to gather data about the continent where our grandparents were born and present this data in three different ways.

Home-Connection Tips

- Look through media sources with your child for examples of bar graphs with scales and identify three or four facts that the graph displays.

GR. 3 AND 4 FRENCH EXPECTATION

Students will use visual and verbal cues to understand new vocabulary related to a science experiment using repetition and a word list.

OUR FRENCH INQUIRY TRANSFORMS OUR THINKING BECAUSE...

Learning new vocabulary about science in French creates an environment where we are able to inquire and ask question.

Home-Connection Tip

- Visit the Toronto Public Library and sign out a French science experiment book. Test out some of the experiments with your child at home.