GRADE 5 GUIDELINES THROUGH THE YEAR

Grade 5: the beginning of the new cycle, where new and different concepts will be introduced in preparation for grade 6

Geography, History and Citizenship Education

In Grade 5 we learn to use maps and read timelines. Students will have a global overview of the history of Quebec from 1745 to around 1820.

Materials used: Waypoints 5 workbook, maps, social studies duotang (green), observation notebook

Science and Technology

Some of the concepts we will study may include:

- Cells
- Solar System
- Human body
- Digestion
- Nonrenewable Energy

We will also have STEAM projects. These combine Science, Technology, English, Arts, and Math.

Science is broken down into 3 components.

Proposes Explanations

Students will propose explanations or solutions for problems. They will be able to carry out a plan and explain their procedure. They will adjust their plan as necessary, and explain why they made the changes.

Makes the most of science/technology

Students will be able to explain, and use, instruments, tools and technology. They will be able to choose the tool/instrument/technology appropriate for a given task.

Communicates in scientific language

Students will be able to use terms specific to the unit of study. They will be able to associate terms with concepts. They will be able to represent information in the form of plans and diagrams.

Materials used: Grade 5 Science Readers (from Teacher Created Materials), Google Classrooms, science duotangs, observation journal, craft and science supplies

Ethics and Religious Culture

In this course there are two major competencies. They are :

Reflects on ethical questions

> For this competency, students are given a series of ethical questions through a variety of situations and are asked to share how they would personally react, or how they believe a person or society should react.

Demonstrates an understanding of the phenomenon of religion

> Some examples of material covered are :
>
> > How major ceremonies in different religions function
> >
> > Learning about society and the world in terms of religion

MATH: USING DECIMAL MATH books, and math binder with application and situational problem-solving.
1) Solves a situational problem:
   - i)   Understanding the problem
   - ii)   What is asked?
   - iii)   What methods will we need to use?
   - iv)   Breaking it down into steps.
   - v)   Modeling different problems

2) Uses Mathematical reasoning;
   - i)   <u>understanding mathematical concepts;</u>
   -multiplication/division/addition/subtraction
   -rounding
   -exponential notation
   -interpreting data using various graphs
   -fractions/decimals/percentage and their relationship
   -predicting outcome
   -order of operations
   -division/multiplication with a decimal
   -surface area/volume/ perimeter
   -integers
   -geometry
   -units of measure

<u>TOOLS and STRATEGIES</u>
          *hands-on when possible (use of manipulatives)

* use of visuals and images
* differentiate learning methods/strategies
*ask student to explain their understanding/ideas
*for problem solving…incorporate 'storytelling' to make connections to real-world scenarios.
*modeling problem-solving
*breaking down the steps.
*chart templates
*give feedback early on
*LOTS OF MODELINGS

French

This program is oriented towards developing both the oral and written abilities in French.

At the **end** of Cycle III, a student should be able to:

- understand spoken French
- express him/herself fluently in everyday situations dealing with his/her needs and interests
- read easily and understand written French at level M échelle Fountas and Pinnell or 23 échelle de Clay.
- compose texts that will show comprehension and application of basic rules of grammar

- evaluation: In line with the Quebec Education Program the children will reflect on their learning through self-evaluation. Their competencies in learning French will be evaluated through tests and projects.

    Text: "Zig Zag 3 Cahier A et Cahier B"
    Daily plan is posted in Google Classroom under -L'ordre du jour

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