

## Science and Technology

The Science and Technology expectations are organized into five strands: Weather, Forces Acting on Structures and Mechanisms, Human Organ Systems, Properties of/and Changes in Matter, and Conservation of Energy. Specific expectations for these units include: understanding concepts, developing skills of inquiry, design and communication, and relating science and technology to the world outside the school. Experiments, observations, films and videos, field trips and library research activities will be offered to the class.

## Social Studies

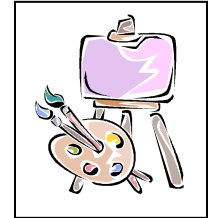
During the first half of the year the students will be studying Early Civilizations. Mapping, research, note-making, and projects will be used on a regular basis. The second unit is on Citizenship and Government in Canada. This includes the Ontario election study and voting. The social studies subjects will also extend into some aspects of French language arts, music, drama, and visual arts.



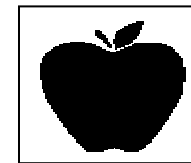
## Grade 5 Curriculum Overview

### Arts

The Arts curriculum is comprised of four areas: Visual Arts, Music, Drama, and Dance (which is taught as part of the physical education program). Students will be learning the elements of the different arts, as well as creating and analyzing the different art forms.



### Health

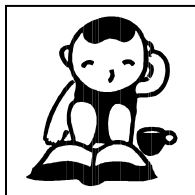


We will discuss several interesting topics in Health such as Healthy Eating, Personal Safety/Injury Prevention, Substance Use/Abuse, and Growth and Development. We will also cover the *Second Step Program* which is used for modeling personal problem-solving skills.

### Language Arts

At Woodroffe Avenue, we are using the Ministry of Education prescribed program of balanced literacy for delivery of our language programs. It will be used both in French and English. We will be covering four components of the balanced literacy instruction: oral communication, reading, writing, and media literacy.

We would like to stress the importance of reading as a life-long activity. We will encourage the students to read for pleasure and interest outside the prescribed homework time. Reading with your children, listening to them read, and discussing what has been read are all important elements to support your child's progress in reading and learning in general.



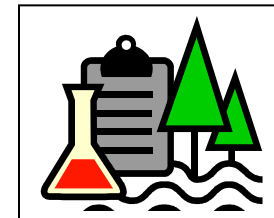
### **French**

In French class, the students are expected to communicate in French at all times. Novel studies will be the central component for learning in the classroom. Oral texts, media texts, information-based, literary, and popular texts of all kinds will be the didactic materials used in class and will be based on the student's interest and age level.

### **English**

We will be using a variety of reading materials in different genres. The students will be using different forms of writing and will learn to use the writing process to take their writing from ideas to publishing. Oral communication will be addressed through a variety of activities such as: group work, presentations, and class meetings. We will be employing media literacy to communicate messages in different subject areas.

Students are familiar with some of the materials that are used in previous grade levels also. These include: *Collections*, *Writing Styles*, *Daily Language Review*, and *CASI*.



### **Mathematics**

The Mathematics expectations are organized into five strands: Number Sense and Numeration, Measurement, Geometry and Spatial Sense, Patterning and Algebra, and Data Management and Probability. Every week there are multiplication and division drills as well as mental math. A problem of the week, for which students are required to use problem-solving skills, will begin in the second term.

A graphic showing a long division problem: 10784.36 divided by 2.71, with a large '9' and a '1' in the quotient. The numbers are in a stylized, bold font.

### **Physical Education**

Fundamental movement skills include: locomotion/traveling, manipulation of objects, and stability and balance exercises. Students will participate in volleyball, basketball, gymnastics, and indoor and outdoor games. Participation in physical activity provides students with a variety of opportunities for increasing their self-esteem and developing positive interpersonal skills and attitudes including fair play and respect for others.

