



# Grade Seven Science

ST. JOSEPH INTERMEDIATE



## EXPECTATIONS:

- Arrive to class on time AND with all of the required materials
- Use class time effectively and stay focused on the task at hand
- Take responsibility for your own learning
- Attend all classes and complete homework on a daily basis; when absent, take responsibility to obtain and complete missed class work
- Complete and submit assignments and projects on time

\*\*\*Any student demonstrating behavior that detracts from the learning environment or that is considered unsafe will be dealt with in an appropriate manner including: detention, meeting with the vice-principal, loss of privileges, and/or a phone call home\*\*\*

## YEAR OUTLINE:

### **Unit #1: Interactions within Ecosystems (September – November)**

- Organization of Living Things
- Food Chains and Webs
- Cycling of Nutrients in the Environment
- PROJECT: Ecosystem Presentation

### **Unit #2: Pure Substances and Mixtures (November – January)**

- States of Matter and the Particle Theory
- Classification of Matter
- Separating Mixtures
- PROJECT: CSI Investigation

### **Unit #3: Heat and the Environment (February – April)**

- Heat and Temperature
- Heating Curves
- Methods of Heat Transfer
- PROJECT: Thermos/Cooker Design

### **Unit #4: Structural Strength and Stability (April – June)**

- Stability and Centre of Mass
- Forces and Loads
- Structural Design and Engineering
- PROJECT: Roller Coaster Design

## **ASSESSMENT:**

The grade seven students will be observed throughout the year and will be assessed through:

- Class work and participation rubrics
- Laboratory reports
- Notebook organization
- Tests and quizzes
- Projects and group work
- Oral and multimedia presentations

## **CLASS WEBSITE ([www.mrfischer.net](http://www.mrfischer.net))**

In order to help students organize their work, assignments, and homework, a class website has been designed which will be updated with daily homework, a calendar of upcoming due dates and events, and important documents which can be downloaded for student use. Copies of assigned homework and assignments will also be available for download. The website can also be used by parents to help their child with time management and assignment completion.

## **PARENT E-MAIL LIST**

This initiative was started six years ago to inform parents of upcoming due dates, tests, and other important school events (e.g. report cards). The information provided from the e-mails can be helpful to parents wanting to help their child with time management and organization of major projects and review for end of unit tests. Since information regarding quizzes and daily homework will NOT be e-mailed, the students must undertake responsibility for these tasks.

## **SUBMISSION OF ASSIGNMENTS**

Students will be given plenty of time both in and out of class to complete the required assignments. Assignments that are NOT submitted on the specified due date will NOT be accepted UNLESS accompanied by a late assignment form to be filled out by the student and signed by the parent. Students who fail to submit an assignment will be given a NM (no mark) on that particular assignment. If a majority of a student's marks are NM in a particular strand, the student will receive a mark of 30% on their report card for that strand.

## **EXTRA HELP AND SUPPORT**

As no set "help days" will be scheduled, students must arrange with the teacher a day to meet. General extra help sessions will be scheduled before major tests. Extra help is available during lunch and will also be offered after school by appointment only.

**I have read the ENTIRE document and I am aware of the information contained within.**

Student's Signature: \_\_\_\_\_ Guardian's Signature: \_\_\_\_\_