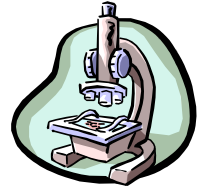


Grade 8 Science

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: Cells (September – November)

- Using the Light Microscope
- Plant and Animal Cells
- Diffusion and Osmosis
- Unicellular and Multicellular Organisms
- PROJECT: A Cellular Journey

Unit #2: Systems in Action (November – January)

- Components of Systems
- Investigating Simple Machines
- Mechanical Advantage
- Energy and Efficiency
- PROJECT: Invention Convention

Unit #3: Fluids (February – April)

- Flow Rate and Viscosity
- Mass, Volume, and Density
- Buoyancy and Pressure
- Pneumatics and Hydraulics
- PROJECT: Building Hydraulic Machines

Unit #4: Water Systems (April – June)

- Water Usage and Consumption
- Water Distribution
- Salinity and pH of Water Sources
- Water Sampling and Purification
- PROJECT: Impact of Humans on Sustainability Research Project

ASSESSMENT:

The grade eight 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)

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: _____