

CURRENT TOPICS IN THE SCIENCES 30S

Course Code:0139

Grade 11

Teacher: Mr. Reimer

Contact Information: mreimer@trsd.ca

Credit Value: 1 credit

Alonsa School**Semester One****Room 9**

Welcome to Current Topics In The Sciences 30S! Please read this outline carefully, sign it and hand it back to the teacher.

Course Description: Current Topics in the Sciences curriculum is concerned both with fostering the development of various skills and with effecting a change of attitude. A strong focus of this curriculum is to link science to the experiential life of the student. Unit Development in Current Topics in the Sciences is driven by learning outcomes and process. Organizing units around a problem or theme will generally present information in the context of real-world applications. Students will be presented with opportunities to uncover concepts from each of the sciences during the year in a substantial way and to make coherent connections between them. The flexibility of Current Topics in the Sciences allows for meaningful and engaging interdisciplinary units based on current scientific issues and developments.

Goals for Students:

- encourage students at all levels to develop a rational sense of wonder and curiosity about scientific and technological endeavors;
- enable students to use science and technology to acquire new knowledge and solve problems, so they may improve the quality of their own lives and the lives of others;
- prepare students to critically address science-related societal, economic, ethical, and environmental issues;
- provide students with a proficiency in science that creates opportunities for them to pursue progressively higher levels of advanced study, preparing them for science-related occupations, and engaging them in science-related activities appropriate to their interests and abilities; and
- develop in students of varying aptitudes and interests a knowledge of the wide variety of careers related to science, technology, and support for the natural and human environments.

The following ten topics are proposed to help obtain the skills and accomplish these goals mentioned above.

<ul style="list-style-type: none"> • What In The World Is Climate Change? • The Human Endeavour In Space • Great Geological Controversies: Expanded Earth or Plate Tectonics • Recycling Is It Working? • Where Will the Next Earthquake Occur? 	<ul style="list-style-type: none"> • Science of Music: Why Do We Like It So Much? • Sports Science: How Do Science and Technology Aid The Athlete? • Technology Of The Future: What Was Predicted In 1950 and Where Are We Now? • Causes and Consequences of Wildfires • Human Population Cycles: Is There Room For Us All?
--	--

Students may be asked to bring materials from home for projects and activities.

Mark Breakdown:

Course Work	70%
Final Assessment	30%

Class Attendance

It is important for students to attend this class on a regular basis as class discussions may appear on assignment pieces. Should a student have to miss class, he/she has the responsibility to find out from a classmate what was discussed in class and get himself/herself caught up with notes/questions/tests or quizzes.

Students who miss class will be able to find the day's lesson/assignment on Microsoft Teams.

Students who skip 20 classes will not be eligible for a credit. Refer to student handbook.

Marked Assignments

All assignments that are worth marks will be completed in the classroom under the supervision of the classroom teacher.

Redo/Challenging Assignments or Tests

Students who do poorly on an assignment or test may come at lunch time (12:05 – 1:00) to redo/challenge an assignment in order to improve their mark. Redoing/challenging assignments must be done within the unit they are currently studying. Students who missed a test or would like to complete a re-test will have one week to do so following the original unit test date. All assignments must be done under the supervision of the classroom teacher. **It is the student's responsibility to make the arrangements with the teacher as to which assessment they wish to redo/challenge.**

Lunch Hour (12:05-1:00)

Students may also come at lunch time (12:05-1:00), eat lunch, and get extra help on assignments or get caught up on work they have missed.

Students who wish to redo/challenge an assignment or test in order to improve their mark may also do so at this time.

Plagiarized Assignments will receive a mark of zero.

Zero Policy: Once a unit of study has been completed, you may no longer hand in assignments for that unit. Assignments not completed by the end of a unit will receive a mark of zero.

Students and Parents/Guardians:

Please sign below to indicate that you have read and understand the course outline. If you have any questions or comments, please include them on the space below. If, at any time during the school year, you have questions or concerns, please call the school and leave a message. I will get back to you as soon as possible.

Sincerely,

Mr. Reimer

Student signature: _____

Parent/ Parent/Guardian Signature: _____