



Tohoku International School

Secondary School Course Syllabus

Course Title: General Science	Teacher: Mr. Jonathan Dawson Email: jdawson@tisweb.net				
Grade Level(s): Grade 7-8	Time Frame: 37 weeks				
<p>Course Description:</p> <p>The practice of science and the development of technology are critical pursuits of our society. These pursuits have involved diverse people throughout history and have led to continuous improvement in the quality of life and in our understanding of nature. This course explores these fascinating aspects of science. This course enables students to understand basic concepts in earth and space science, and physics; to develop skills in the processes of scientific inquiry; and to relate science to technology, society, and the environment. Students will learn scientific theories and conduct investigations related to geology; particle theory; energy and reactions; the solar system and space exploration; and the characteristics of matter.</p>					
<p>Units of Study:</p> <table border="1" data-bbox="229 815 1155 972"> <tr> <td data-bbox="229 815 1155 855">1 The Earth, The Atmosphere, Space and the Solar System</td> </tr> <tr> <td data-bbox="229 855 1155 896">2 Motion, Balanced Forces, Unbalanced Forces</td> </tr> <tr> <td data-bbox="229 896 1155 936">3 Potential and Kinetic Gravity, Waves, (Sound & Light) and Heat</td> </tr> <tr> <td data-bbox="229 936 1155 972">4 Matter, Atoms with elements and Compounds, Chemical Reactions</td> </tr> </table>		1 The Earth, The Atmosphere, Space and the Solar System	2 Motion, Balanced Forces, Unbalanced Forces	3 Potential and Kinetic Gravity, Waves, (Sound & Light) and Heat	4 Matter, Atoms with elements and Compounds, Chemical Reactions
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<p>Course Specific Materials Required:</p> <ul style="list-style-type: none"> ● Specific section in A4 Binder for Science ● Writing utensils (pen, pencil, eraser, ruler, markers or colored pencils) ● Calculator 					
<p>Grading policy:</p> <p><u>Projects – 40%</u> This includes case studies, formal roundtable discussions, debates and laboratory investigations. Students will present their findings in a variety of methods, including lab reports and poster presentations.</p> <p><u>Exams and Quizzes– 30%</u> There will be exams at the end of every unit, and open-note quizzes throughout the year.</p> <p><u>Class work – 20%</u> This includes daily assignments completed in class.</p> <p><u>Learning Skills – 10%</u> This includes attendance, organization, completion of homework and the ability to take initiative and work productively in various settings.</p>					

Tohoku International School:

A community of learners preparing for life in an evolving global society

General Science (cont'd)

Make-up work:

If a student misses class for any reason, it is the student's responsibility to get and make up the assignments. If the absence is during a quiz or test day, the test can only be made up during lunch or before/after school. Students should inform Mr. Dawson to arrange alternate assessment arrangements.

Late work:

As per school policy, unless arrangements have been made with Mr. Dawson, late work receives a 20% reduction to the score, and will receive a final score of 0% if submitted more than 7 days after the original due date.

Academic Honesty is important.

Do your OWN work. Do not copy or plagiarise anyone else's assignment. If you are caught copying, plagiarising, or turning in work that is not yours, you will receive a zero.

Expectations of Mr. Dawson:

In this classroom, there are high expectations for both of us. You can expect that I will

- be fair and consistent
- work hard for our success
- provide a safe learning environment
- do my best to make things interesting, enjoyable, challenging and fun
- be available as best as I can to help you achieve.

Let's have a great year!

Students, please review the syllabus with your parent/guardian and have them fill out the information below. Return to Mr. Dawson at the next class.

Student name: _____

Parent/Guardian name: _____

Parent/Guardian signature: _____

Email Address (if available): _____

Please state any questions, comments, or concerns: