

Ms.
Bacopoulos'

Grade 7 Core

Science and Technology

2019-2020

CONTACT ME:



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hypothesize.weebly.com



room 18

CLASS MATERIALS

- 2 green duotangs
- 6 subject dividers
- 3-hole lined paper
- Pencils
- Eraser
- Ruler
- Thin black marker
- Coloured pencils
- Completed homework/ assignments
- KE agenda
- A positive attitude ☺



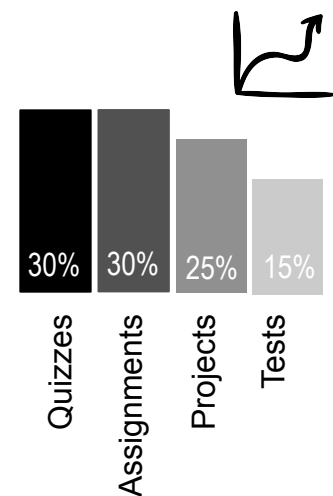
SCIENCE VS. TECHNOLOGY

Science is a form of knowledge that seeks to describe and explain the natural and physical world and its place in the universe. Scientific investigation involves exploration, experimentation, observation and measurement, and the analysis of data.

Technology includes more than the knowledge and skills related to computers and their applications. Technology is the application of knowledge in order to solve a problem, by using materials, energy, and tools. The method of technology consists of inventing or modifying devices, structures, systems or processes.

Why do we study Science and Technology? The world as we know it today has been affected in many important ways by science and technology. For example, science has altered our understanding of the earth and space, and technology has revolutionized the way we communicate (i.e. satellites).

GRADES



You will be assessed and evaluated using a number of sources.

These include:

- tests
- quizzes
- lab reports
- culminating tasks
- oral and/or written reports.

CURRICULUM CONTENT



Our goal this year is to ensure that all students acquire a level of scientific literacy and technological capability before entering grade 8. We achieve this by understanding basic concepts, developing inquiry and design skills, using appropriate terminology, and relating science and technology to our world.

Our year will be organized into four units, which will combine topics from both science and technology:

Unit One - Interactions in the Environment
Unit Two - Pure Substances and Mixtures
Unit Three - Heat In the Environment
Unit Four - Form and Function

Science and Technology

LATE / INCOMPLETE WORK



My expectation is that all assignments and work be completed to a student's best ability and turned in on time.

Class time should be used effectively and questions should be asked at school, so that students have a good understanding before beginning or continuing work at home.

Printer and Internet issues are not an excuse for late work as students can access the school library to print work.

ABSENTEE POLICY



YES, WE DID SOMETHING IMPORTANT WHILE YOU WERE ABSENT!

It is the student's responsibility to find out what was missed in his/her absence. Any tests/quizzes missed will be written on the first day the student returns to school. You should contact me via email to find out what is missed. Relying on a friend is not always a good idea (sometimes friends forget to tell you everything).

SAFETY



Safety is the priority. Students are responsible for their conduct in the science lab at all times. We will go over the safety expectations in class and all students will be tested on these expectations. Additionally, each student will be required to sign a contract which outlines the procedures that are mandatory to maintaining the safety of everyone in the lab. Students whose behaviour endangers others will be asked to leave the lab to complete a Safety Report, which will be sent home to be signed by a parent/guardian.

PLAGIARISM



Plagiarism is the taking ideas and writings of another and passing them off as one's own.

Plagiarism includes...

1. turning in someone else's **work** and claiming it as your own
2. **copying** work from a friend (do not allow others to copy you, or you too will face consequences of cheating)
3. including a source but failing to **cite** it appropriately
4. copying an **author's exact words** and passing them off as one's own

Students caught plagiarizing will be given a ZERO for the assignment.

CHEATING



- The teacher will notify the administration and contact parents if cheating/plagiarism is suspected
- The student will be given a zero for that particular test or assignment

I, _____, have read and understand the rules and expectations for class. I acknowledge that it is my responsibility to contact my teacher if I have any questions or concerns. I know that this syllabus, assignments, calendars, and resources are available to me on the **website hypothesize.weebly.com** and that this syllabus must be kept in my science duotang at all times. I know that that printer/computer issues are not an excuse for late or incomplete work.

Sign...



Student _____

Date _____