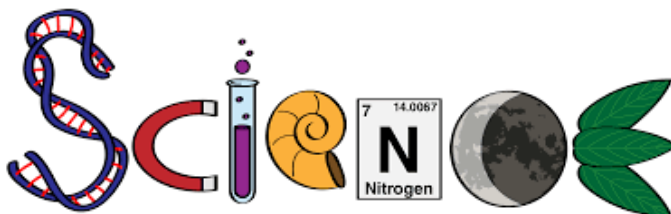


Tokyo International Progressive School

Grade 6 and Grade 7 Science Course Outline 2021-2022

Lisa Muntz, (Room 21)



DESCRIPTION OF COURSE

“Science is an important part of our heritage and we use its applications every day in our lives at work, at leisure and in the home. Science and the application of science are central to our economic future and to our health and wellbeing as individuals and as a society. Children and young people are fascinated by new discoveries and technologies and become increasingly aware of, and passionate about, the impact of science on their own health and wellbeing, the health of society and the health of the environment.”
Curriculum for Excellence

Planet Earth (*Energize Me*)

Students will explore types and sources of energy and how energy is transferred and conserved. They will develop an awareness of responsible energy use and principles of good design.

Forces, Electricity and Waves (*May the Force be With You*)

Students will explore the properties of sound, light and radiation. They will develop an understanding of how different waves travel and how we use these in our day to day lives.

Biological Systems (*We are Family*)

Students will explore the similarities and differences between individuals. They will begin to develop their knowledge of genetics and the role of DNA. Students will understand how developments in this area have assisted us in daily life.

Materials and Topical Science (*Keep it Simple*)

Students will explore the properties of different substances and how properties can change. They will begin to use symbols from the Periodic Table and learn how they are organized. Students will research the contributions scientists have made through the discovery of some of these important elements.

STUDENT EXPECTATIONS

- Students should bring the following to class each day: pencil case, charged laptop, headphones, accordion binder and agenda
- Students can make use of tools such as calculators, multiplication charts
- Students are requested to leave drink bottles in lockers and use only when needed
- If a student is not able to complete work by the due date, please speak to the teacher

EARNING YOUR GRADE

Your work in these categories will determine your grade:

Grade Category	Percentage of your grade
6P	10%
Quiz	20%
Daily Work	25%
Project	25%
Test	20%

The grading scale for this course will be:

Letter grade	Mark range
A+	97-100
A	92-96
B+	88-91
B	83-87
C+	79-82
C	74-78
D+	70-73
D	65-69
F	64 or below

IMPORTANT DATES

******These dates may change and you will be notified in advance**

Topic	Assessment	Date
Planet Earth	Mid unit test	Friday, September 17th
Planet Earth	End of unit test	Friday, October 8th
Forces, Electricity and Waves	Mid unit test	Friday, November 26th
Forces, Electricity and Waves	End of unit test	Wednesday, January 19th
Biological Systems	Mid unit test	Friday, February 25th
Biological Systems	End of unit test	Friday, March 31st
Materials and Topical Science	Mid unit test	Friday, May 13th
Materials and Topical Science	End of unit test	Friday, June 3rd