***North & South Esk Elementary School***

Grade 6 Science

# Course Outline

Expectations

Grade 6 Science is an introduction to the scientific method. It is a year to explore and develop skills. For many, it is the first time that you will do science on a regular basis. For others, it is a chance to try things that you always wanted to do, like the teacher assigning paper airplanes as a project.

Grade 6 students will be introduced to the scientific method and writing partial lab reports. As well, students will follow elements of the scientific method to complete both in-class and experimental (student choice) assignments. Students may participate in a collaborative project and students are expected to complete these projects which are requirements of the course. Along with the aforementioned skills based requirements, students are also expected to master the content of the course. Students will be tested in various manners including: in-class assessment, small quiz, sectional tests, and year end assessment/project.

Marks

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| --- | --- |
| Skills = 50% | Knowledge = 50% |
| Science Literacy | Daily Class Work |
| Scientific Method | Course Content |
| Conducting Research | Information from Out of Class Sources |
| Conducting Experiments | Summative and Formative Assessment |

Grade 6 Timetable (Dates are only approximate)

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| --- | --- | --- |
| Activity | Date | Description |
| **Unit 1** | Sept 5 – Nov 19 | Space – Physics |
| **Unit 2** | Nov 19 – Jan 25 | Electricity - Physics |
|  |  |  |
| **Unit 3** | Jan 28 – Mar 29 | Living Things-Biology |
| **Science Fair** | Feb 22 – Mar 26 | Research, Experiment, and Delivery of Student Idea |
| **Unit 4** | Apr 1 – June 21 | Flight-Physics |
|  |  |  |
| **Final Assessment** | June 10 - 14 | Review and assessment of work done over the year |

Teacher: Mr. Henderson