

Outline

Grade 8 Technology Education focuses on transportation technologies. This year we will be using a variety of meaningful hands on activities to support these outcomes.

By the end of this course students will be expected to:

- Explore both the past and present of transportation technology.
- Work effectively in a variety of communications media.
- Explore new transportation technologies.
- Examine the effects that various transportation technologies have on our daily lives.
- Use a range of two dimensional and three dimensional techniques to communicate technical solutions.
- Demonstrate knowledge and application of technological problem solving.
- Demonstrate safe and effective use of a variety of production tools and machines.

Topics and activities that will support these outcomes will be:

- History of Transportation.
- Aerodynamics and Shape.
- Construction and Launch of a Compressed Air Rocket.
- Design and construction of a CO₂ Dragster.

Activities may change depending of individual or group needs or availability of materials.

Technology courses require commitment and students must take responsibility for achieving the learning outcomes. Regular attendance is essential for success. This course provides for hands on learning environment. Students who are absent for any reason are responsible for missed work and should consult with their teacher when they return to school.

Good luck in the course and remember to seek help early if you encounter difficulties before they become insurmountable. Have a great year!

Marks:

Lab-work and Projects 40%

Safety.....20%

Tool and Machines.....30%

Cleanup.....10%

Missed Assignments, Due Dates & Test Dates:

- . 1.Students are responsible for completing all assignments.
- . 2.Students are responsible for:
 - . a.Seeking assistance with assignments when required;
 - . b.Requesting an extension for assignments in a timely manner when required;
 - . c.Completing assignments by specified due dates so that teachers can provide timely feedback.
- . 3.In the event that a due date for an assignment is missed, it will be at the discretion of the teacher to extend the deadline. No extensions will be given to students without a legitimate reason.
- . 4.Students who do not adhere to the extended deadline will have missed that opportunity to demonstrate achievement towards the outcomes addressed in that assignment.

