**Exploring Technology 10**

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**Course Description**

Exploring Technology 10 is the foundation for Technology Education in the high school system. The course is based on academic as well as practical skills, and will require students to use the techniques, tools, and attitudes of industry. Technology Education provides students with the opportunity to engage in hands-on activities that contribute to growth in thinking and cognitive skills. Fostering this growth is

the backbone of Technology Education, and it achieves this goal through the themes of:

(1) Design

(2) Innovation

(3) Problem Solving

The theme for Exploring Technology 10 is:

**The exploration of human invention in society**

There are three core areas within Technology Education:

(1) Production Technology

(2) Energy, Power, and Transportation

(3) Communication Technology

In Exploring Technology 10 students will be exposed to all three areas of technology. This is the only course in the high school curriculum that gives such an overview of all the technologies, and as a result is designed to expose students to options within other high school Tech Ed courses, possible college programmes, and in the working world itself.

Evaluation

Evaluation in EXT10 is formative in nature. There is a great deal of project-based learning. Students will be expected to engage in critical thinking and reflect on personal experiences and their own skills in the course. And though not all assignments will be formally graded, all assignments, including quizzes and tests, are critical to facilitate an enriched experience in the course. Assignments must be completed and on time.

Assignments and pertinent information are frequently updated on my website (risser.weebly.com).

Evaluation will be as follows:

**Module 1: Introduction to Technology 10%**

**Module 2: Green Technology 20%**

**Module 3: Media Technology 20%**

**Module 4: Control Technology 20%**

**Module 5: Engineering Technology 20%**

**Module 6: Exploring Trades and Technology 10%**

I welcome any contact by parents/guardians at any time to discuss student progress. Please feel free to contact me at the school. As I do my best to keep in contact during school hours, please respect that contact after school hours may be inconsistent.