PRODUCTION TECHNOLOGY 8

Syllabus

Teacher: Mr. Davis

Time Frame:
* 2 Slots per 7 day cycle (1 hour classes)
* 50 hours (approx.)

Course Evaluation
Unit 1 - Big Ideas	20%
Unit 2 - Basic Skills	20%
Unit 3 - Design Activity	
* Daily Log	6%
* Design Portfolio (slides)	36%
* Solution (prototype)	18%

Course Description, Objectives and Outline

This module involves residential design, culminating in the construction of a scaled model.

Students will be engaged in discussions and research in production technology materials and processes, safe tool use, and careers. This module is intended as an introduction to the Skilled Trades suite of courses offered within the High School Curriculum.

Unit 1: Big Ideas is intended to introduce ideas, terminology and concepts related to production technology. Evaluation will focus primarily on student's understanding of this information. This unit does NOT have "design and make" activities. (SEP 30 – Topic 1, OCT 15 – Topic 2, OCT 30 – Topic 3)

Unit 2: Basic Skills is intended to introduce tools and basic tool skills related to production. Specifically, this will involve interpreting and using technical drawings, selecting materials for production and using simple tools and/or machines for the purposes of production. Evaluation will focus primarily on student's understanding of these tools and procedures, and, to some extent, on the development of basic skills. (NOV 15 – Isometric & Orthographic drawing, DEC 15 – Simple Cabin [3d Animation], JAN 15 – Fancy Table & Chairs)

Unit 3: Design Activity will provide students with experience in designing and developing a product. This is primarily a design team activity, but it is reasonable to expect individuals to maintain a portfolio, or be responsible for specific parts of the design team portfolio and communications product development and production. (JAN 30 – Topic 1, FEB 15 – Topic 2, FEB 28 –Topic 3, MAR 15 – Topic 4, MAR 31 – Topic 5, APR 15 – Topic 6, MAY 15 – Topic 7, MAY 31 – Topic 8 & 9) **PRESENTATIONS DUE 1st CLASS IN JUNE**