9th Grade Technical Design and Graphic Illustration

Course Description:

Technical Design and Graphic Illustration is an elective course that allows students to explore basic drawing techniques, computer-aided drafting, product design and development, architectural design, exploration of graphic software and solid modeling. Students interested in engineering, architecture, computer illustration, design, construction, and technology should find this course of value. Students will work on an individual basis as they utilize freehand, mechanical, and computer-aided methods of illustration.

Class Expectations:

- Arrive to class on time prepared with a pencil, eraser and a good attitude ready to learn
- Listen quietly during class demonstrations
- Work quietly during independent and group work
- Hand in projects at assigned times
- RESPECT (Classmates, classroom, tools/materials and Mrs. B)

Possible Projects:

- History
- Drafting Tools
- Logo/T-shirt Design
- Measurement
- Game Design
- Photo Enlargement
- Multiview Drawings
- Google Sketchup
- AutoCad
- Architecture

Mrs. Brumbaugh

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Problem Solving Involves…

- Teamwork
- Brainstorming
- Determination
- Exploration
- Learning from mistakes

Throughout the class students will need to think on their own with some guidance by Mrs. B.

Grading Criteria:

- Long-term projects: 100 points
- Short-term projects: 50 points
- Class Worksheets: 10-30 points

Project grades will be based on a combination of rubrics and self-reflections.