

Computer Graphics Syllabus

Overview:

Computer Graphics is a full year class that emphasizes a variety of graphics programs and techniques with a focus on art and design. No experience is necessary to be successful in this class.

- **Vector Graphics** – We will start the class by exploring vector graphic design using the Corel Draw suite.
- **Bitmap Graphics** – Students will learn the basics about photo manipulation using the Photo-Paint program.
- **Exploratory Graphics** – Students will explore a variety of graphic techniques including digital painting, pointillism, and animation using the Painter IX program.

Equipment:

Each student will work from a computer station supplied with all necessary software and a digital drawing stylus tablet.

Work:

Students will create a variety of graphic projects that will be exported as a .jpeg file for the final version. Students will only print a few select pieces of work due to a lack of money for supplies. It is highly recommended that a student have access to a flash drive so they can save their final pieces and print them at home if desired. Much of the printed work will be saved at school for the Art Show in May. All work will eventually be returned home.

Expectations:

- Equipment – Each student is expected to maintain their own computer station. Any abuse of the equipment can result in a temporary suspension from their network rights
- There is absolutely **no food** allowed in the computer lab. The first occurrence usually results in a warning. Subsequent violations will result in a detention.
- The use of the Internet is a privilege. Using external software run from flash drives or the use of proxy websites to circumvent filters is not permitted, and will result in your network rights being submitted to the IT department for review and potential suspension.
- Mobile phones and devices are not to be used within the classroom. Parents, please be supportive of this policy.

Grading:

Each project will be assigned a point value depending upon the degree of complexity and length. The student will be awarded points depending upon the level of craftsmanship and adherence to the focus of that particular lesson.