Omaha Buffett Magnet

Digital Media (grade) 7

Course Description:

In this one semester course students will study digital media topics including video, text, and graphics. Students will learn to use various software packages for creating desktop publishing documents. Additionally, students will create and enhance still graphics, plan audiovisual productions, and create and organize productions using various software packages.

Content Standards:

DM7-01. **Demonstrate the ability to set up desktop publishing documents that include graphics and other design elements.**

    A. Discuss the basics of desktop publishing and design.

    B. Plan a document for publishing using relevant design criteria.

    C. Using available desktop publishing software, create a simple web deployable document.

    D. Convert a desktop publishing document to a web document.

    E. Explain intellectual property rights, trademark and copyright issues.

DM7-02. **Demonstrate proficiency in the use of various software packages to create and enhance still graphics.**

    A. Differentiate between the various types of graphical formats.

    B. Recognize graphical use copyright issues.

    C. Compare and contrast vector and raster graphics.

    D. Evaluate the need to edit a graphic.

    E. Demonstrate how to use an available graphics program to edit graphic images.

DM7-03. **Demonstrate the ability to design and place information on the Internet using the appropriate tools and technology.**

    A. Investigate the potential of the Internet and understand how the components of this system can be used to effect communication via this medium.

    B. Demonstrate proficiency in HTML.

    C. Create web pages containing various design elements.

    D. Compare and contrast HTML, DHTML and XML.

E. Post web pages to the Internet.

F. Properly use and cite Internet sources.

G. Analyze design and layout functionality of various web sites.

DM7-04. **Demonstrate appropriate project planning**

A. Define the brainstorming and planning process used in project management.

B. Create a project Storyboard.

C. Develop a script.

D. Design and implement a project management schedule.