



## Computer Applications: 8<sup>th</sup> Grade

Mr. Marino

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### Objectives

This class is an exploration of computer applications. Students will be using a variety of software and hardware to complete projects.

In a semester class, we will discuss and learn concepts related to: computer basics, computer hardware, networks, keyboarding, word processing, spreadsheets and graphing, animation/programming, the Internet and the World Wide Web.

We will use the following *software*.

We will use the following *hardware*.

Word	Scratch Programming	Dell PC	Laser Printer
PowerPoint	Alicev2.0	Promethean	
Excel	Programming	Board	
Fireworks	Internet		

### Grading Policy

Grades will be determined on academic achievement on individual performance based on MCPS standards. The grade will be determined by quizzes, drawings, reports and projects based on the rubric and weight of the assignment. Work not attempted will be recorded as a zero.

#### Grading Scale

A	89.5—100%
B	79.5—89%
C	69.5—79%
D	59.5—69%
E	59% and below

#### Overall Grading Rubric

- A—Student demonstrates a full and complete understanding of the indicators
- B—Student demonstrates a good understanding of the indicators.
- C—Student demonstrates a basic understanding of the indicators
- D—Student demonstrates some understanding of the indicators
- E—Student demonstrates little or no understanding of the indicators.

Learning Skills: Non-academic indicators that influence student achievement

- Participation: asking questions, giving ideas, using feedback, engaging in learning
- Task completion: completing homework and class work.

Academic Achievement: Demonstration of student performance on course objectives based on the six National Content Standards for Technology which include:

- Standard I: Students demonstrate a sound understanding of the nature and operation of technology systems. Students are proficient in the use of technology.
- Standard II: Students understand the ethical, cultural, and societal issues related to technology. Students practice responsible use of technology systems, information, and software. Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.
- Standard III: Students use technology tools to enhance learning, increase productivity, and promote creativity. Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.
- Standard IV: Students use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences. Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.
- Standard V: Students use technology to locate, evaluate, and collect information from a variety of sources.

Students use technology tools to process data and report results. Students evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.

Standard VI: Students use technology resources for solving problems and making informed decisions. Students employ technology in the development of strategies for solving problems in the real world.

#### Late Work and Missing Work

- Each assignment will have a due date. This is the date by which you are expected to submit the assignment. Your grade may drop one letter grade if it is not turned in by the due date.
- The deadline is the last day an assignment will be accepted for a grade. Work turned after the deadline will be given feedback and will be recorded in the gradebook as 50% (unless otherwise excused by the instructor).

#### Policy for Re-teaching and Reassessing

Re-teaching occurs when teachers or students determine that students are not meeting learning goals.

- Assessed tasks may be revised to receive a higher grade until the end of a lesson sequence.
- The original student work, along with the teacher comments and/or rubric, must accompany the revised work in order to be re-graded.
- Alternative forms of assessment may be used for reassessment.
- Quizzes may be taken a second time, however the second score will take precedence over the first—even if the second score is lower.

#### Communication

Information regarding the class content and your progress will be communicated using the following methods: Progress Reports/Interims, Report Cards, Edline and at <https://www.edline.net/Index.page>

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#### **Supplies (required every day)**

Notebook/Composition book – recommended size approx. 8" x 10"  
Pen or pencil

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