

8th GRADE COMPUTERS Syllabus

Instructor: Mrs. Schroeder
Required: Grade 8
Prerequisite: None
Length of course: 1 quarter

Goal: To provide students with a basic introduction and background in coding and photo editing.

Course Description: In this course, students will explore coding using Code.org. Upon completion, students will have covered the basics of coding and computer science. In addition, they will be introduced to picture editing techniques and complete commands to edit and enhance images. They will update their Career Portfolio and experiment with Office 365. ~~If time, they will begin to explore different career options.~~

Text: None

Applications: Hour of Code, Adobe Photoshop Elements, ~~iMovie~~

Learner Outcomes:

- I. Explore coding.
Course Outcomes:
 - a. Develop coding skills using Code.org
 - b. Explore the basics of computer science
 - c. Use Code.org to create/code own project

- II. Demonstrate a basic understanding of the current picture editing program.
Course Outcomes:
 - a. Identify uses of a picture editing program.
 - b. Develop an understanding of the basic commands.
 - c. Demonstrate the use of basic commands.

- ~~III. Demonstrate an understanding of the procedures for creating a presentation using iMovie.~~
Course Outcomes:
 - ~~a. _____~~
 - ~~b. Create an iMovie trailer that represents careers of interest~~

Course Outline:

- I. Coding (30 days)
 - A. Complete “Express Course” Lessons 1-29
 - B. Complete “Express Course” End of Course Project, Lessons 30-34

- II. Photoshop (12 days)
 - A. Experiment/Practice with tools
 - B. Assignment Day 1
 - C. Assignment Day 2
 - D. Test

- ~~III. iMovies (0 days)~~
 - ~~A. Career Portfolio~~
 - ~~B. Final Summary~~
 - ~~C. iMovie trailer or movie~~

Grading:

Tests - 50% of grade

Each project will be assigned points. Based on the percentage of the points received out of the number possible, you will be assigned a letter grade.

Redos and late projects can earn no more than a 65%.

Any work not handed in on the final day of class will be recorded as a zero.

Daily Work – 30% of grade

Participation - 20% of grade

You will receive four (4) points for each day. However, points can be deducted if disruptive/off task or for not doing as directed (this could occur more than once).

| | |
|----|------|
| A | 93 % |
| A- | 90 |
| B+ | 87 |
| B | 83 |
| B- | 80 |
| C+ | 77 |
| C | 73 |
| C- | 70 |
| D+ | 67 |
| D | 63 |
| D- | 60 |
| F | 0 |

Classroom Behavior:

Respect yourself, faculty and your peers
Bring all required materials for class
Raise your hand and wait your turn
Use active listening
Come ready to learn
Use appropriate language
Be on time

Respect personal and school property
The bell tells the teacher to dismiss you
No food, candy or drinks
Complete all assignments on time
Ask questions
All electronic devices out of sight/hearing

Discipline Policy:

- With a written referral, student owes me 15 minutes at the following lunch period.
- If behavior is ongoing, day after day, parents/guardians will be called and Mr. Michaelson/Mr. Wormley will be involved.