

Union Grove Middle School
7th Grade Computer Science Syllabus
Room: 304

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Common Core Georgia Performance Standards

(CCGPS) Site: <https://www.georgiastandards.org>

Course Description:

Using project based instruction students are introduced to the principles of business and computer science in the 21st century while refreshing their keyboarding skills. In this course middle school students enhance their computer applications skills in productivity applications such as Word, Excel, Access, and Publisher in addition to exploring basic computer programming concepts utilizing Scratch 2.0.

18 Week Curriculum Includes:

- **KEYBOARDING:**
 - MSBCS-BCSII-1: Students will reinforce keyboarding techniques.
 - ASSESSMENTS = Keyboard lessons Progression Log, Technique, Accuracy & Speed Assessments.
- **INTERNET SAFETY & RESEARCH SKILLS**
 - MSBCS-BCSII-10: Students will demonstrate and understanding of the potential dangers and ethics related to the use of the Internet
 - ASSESSMENT = *Internet Safety Video Form, Internet Research Mini-Project*
- **COMPUTER APPLICATIONS**
 - MSBCS-BCSII-4,5,6,7,9: Students will demonstrate level 2 mastery of productivity computer application software that encompasses word processing, spreadsheet manipulation, simply database management, and multimedia/presentation and desktop publishing
 - ASSESSMENT = Word, Excel, Access, Publisher Mini Projects* Capstone Simulation Project for Advance Level Students
- **INFORMATION SYSTEMS /CAREERS**
 - MSBCS-BCSII-12: Students will demonstrate and understanding of careers in networking, programming and computer science
 - MSBCS-BCSII-3: The student will examine educational requirements, job responsibilities, employment trends, and opportunities within computer science pathways
 - ASSESSMENT = Intro to Programming Mini-Project, Student Career Plan Mini-Project
- **INTRO TO BUSINESS**
 - MSBCS-BCSII-11 Students will demonstrate an understanding of careers in entrepreneurship and marketing.
 - ASSESSMENT= Business Card & Business Flyer Project
- **CODING:**
 - This course will extend beyond the basics of computers into the realm of computer programming. Basic elements and understandings of computer programming will be reviewed for extending the student's understanding of possibilities that exist for applications to assist in satisfying our needs.

COURSE MATERIALS:

- Pencil or Pen, and Paper
- USB Flash Drive
- Pocketed Folder
- Ear buds/Headsets for instructional videos,

and interactive keyboarding program

(Edmodo, Scratch 2., & Prezi)

- Optional Email Account for Web 2.0 Tools

Grading Policy:

- 15% - End of Semester Exam
- 20% - Classwork/Homework
- 65% - Assessments: (formative/summative)

STUDENT EXPECTATIONS:

It is my hope that all of my students enter my class attentive and eager to learn. However, this goal can only be accomplished if the classroom environment is orderly and structured. I expect my students to be active participants in creating such an environment. My Expectations are as follows:

- Come to class prepared with course materials
- Work quietly, and raise your hand for questions or assistance
- Be actively engaged during the "Q&A" instructional session
- Respect your fellow classmates at all times
- Respect and handle lab equipment with care
- Obey UGMS and Henry County School rules and procedures as outlined in the HCS Student Handbook

PROCEDURES, RULES, & CONSEQUENCES:

- **PROCEDURES: defined as the way our class is conducted...**
 - Class Entrance: Go straight to your assigned seat
 - Class Warm-up: Immediately log-on to your computer and begin your warm-up activity
 - Class Work Period: Work quietly and productively on your daily assignment
 - Class Ending: Gather your materials, log-off your workstation and wait for dismissal directives
 - Class Dismissal: You will be dismissed from class by rows or by sections
- **RULES: defined as how we behave and treat one another so learning can take place, please remember broken rules have consequences...**
 - Be Respectful to your Teacher (me) and your classmates at all times
 - Be on Time and Prepared for class.
 - No Disruptive or Disrespectful Behavior/Language it will not be tolerated and will result in a Citation or OFFICE REFERRAL
 - No Web Browsing or Game Play without permission
 - No ROAMING (remain in your seat, unless given permission to leave it)
 - No gum, candy, food, drinks, etc. are allowed in the lab
- **CONSEQUENCES/DISCIPLINE POLICY:: Any infraction of the classroom rules will result in the following disciplinary actions:**
 - 1st offense – Written warning
 - 2nd offense – Two-way parent contact / silent lunch
 - 3rd offense – Phone call / behavior reflection / team discipline
 - 4th offense – Office Referral

I've reviewed my child's syllabus and understand the course requirements as well as Dr. Lewis' Expectations, Rules & Consequences. Items within this syllabus are subject to change.

Student Name: _____ Student Signature: _____

Parent/Guardian Name: _____ Parent/Guardian Signature: _____