



# **STOCKBRIDGE HIGH SCHOOL**



**Course: Introduction to Digital Technology**

**Teacher of the Course:**

Deborah Gilliam

**Teacher Contact Information**

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Phone: 770.474-8747

**Course Description:**

**Introduction to Digital Technology** is the foundational course for the **Programming** pathway.

This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, and IT support are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

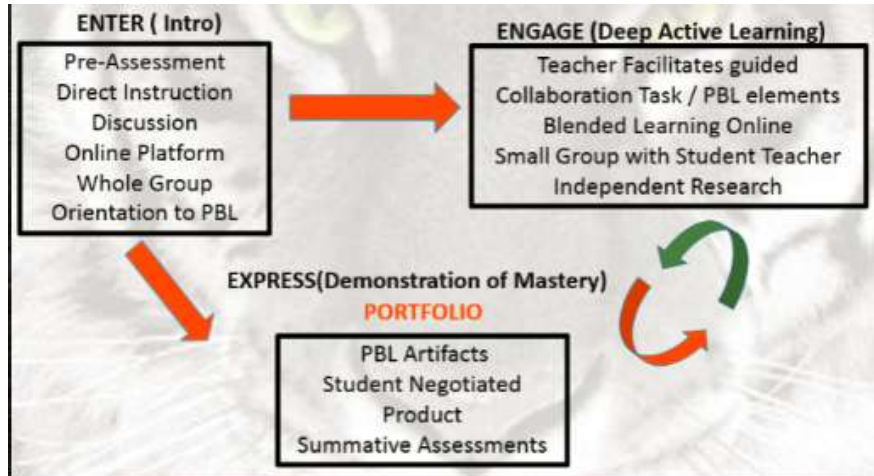
**Instructional Delivery:**

Students will be involved in a three part learning process known as the E3. Students will **ENTER** (access information), **ENGAGE** (apply information), **EXPRESS** (demonstrate information). This process was designed to help students to find the passion in the content they are studying. Using differentiated instruction, the curriculum will continue to engage various learning styles to promote higher order thinking.





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It is essential for students to take greater ownership of their learning by goal setting, self-assessing their class data and enhancing their use of the 4Cs (Creativity, Collaboration, Critical Thinking

and Communication) to ensure they are prepared for not only their current situation but also life after SHS. A crucial part of the curriculum is incorporating test taking strategies that will prepare them for high stakes tests. By approaching curriculum and instruction in this way, students will become citizens who can think independently, work collaboratively and develop skills for lifelong learning.

## MATERIALS NEEDED FOR THIS COURSE:

- Chromebook
- Ear buds
- Blue or black pen
- Loose leaf paper (college ruled)
- Folder
- Flash/thumb drive (optional)

## Class Procedures

To ensure an optimum learning environment, please adhere to the following:

- Students will be respectful to all adults, classmates, and equipment.
- ABSOLUTELY NO FOOD OR DRINK INCLUDING WATER IN THE CLASSROOM.
- All bags, backpacks, etc. MUST be placed out of the aisles.





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- NO rolling around the room in the chairs. They are NOT for transportation.
- Students will be seated in class when the tardy bell rings.
- Students will not *charge* cell phones, portable electronic devices or play cards in class.
- Students will use computers/technology appropriately at all times. (see handbook)
- ABSOLUTELY NO COSMETICS, COMBS, OR BRUSHES AROUND THE COMPUTERS
- Follow all rules in the Student Handbook.
- No adjustments or changes should be made on any computer part *at any time*.
- Students are expected to create their own work. No cheating is allowed in this class. No copying of students files. No editing other student files to be your own. No plagiarism of any work from other students or the Internet will be tolerated in class. Appropriate discipline for violation of school rules will be followed in this course.

## Grading Procedures

### Daily Formative and Summative Assessments/ Grading Breakdown

Formative(Any assignment or activity that shows what a student knows on a daily basis (i.e. quiz))	30%	<b>Formative and Summative grades calculate as 80% of a student's grade in IC.</b>
Summative (A test over all the standards learned in a unit or topic (i.e., Test/Project))	70%	
End of Course Test /Final Exam	20%	
		Formative/Summative (80%) + EOC (20%) = Students Course Final Average (100%)

### Interim Assessments

Two interim assessment will be given schoolwide in order to ensure that students are meeting mastery of learning standards every 9 weeks. Interim assessments can be





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entered in as Formative or Summative grades. This is left at the discretion of the instructor.

## **Fall Interim Assessment Dates:**

Interim #1- September 24-28

Interim #2- November 12-16

## **Spring Interim Assessment Dates:**

Interim #3- February 25-March 1

Interim #4-April 15-19

## **Make-Up Work**

- Make-up work is accepted for excused absences only.
- If a student is in class and refuses to complete an activity/assignment to demonstrate mastery, the activity/assignment will result in a grade of a zero.
- Students cannot make up any assignment they refuse complete and the instructor will make a notation in Infinite Campus “Student refused to complete assignment”.
- Make-up assignments are due by (insert your time limit to turn in makeup work)
- It is the student’s responsibility to complete and turn in make-up assignments.
- Failure to make up work will result in a zero.

## **Parent contact**

The teacher will contact the parent in the one or more of the following manners beyond, Parent University, progress reports cards, report cards, or open house activities:

- Google Classroom (updates, announcements, copies of assignments, class resources evidence of student work and grades in class)  
Download app on iOS or Android!
- Infinite Campus messenger
- Goal Setting Forms and Daily self-assessment (in Google classroom)
- Academic conferences via phone or face-to-face
- IEP meetings or SST process





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- E-mail

## Student Ownership

Stockbridge High School believes that it is important to nurture student ownership by encouraging students to use 21st century skills of communication, collaboration, creativity and critical thinking to support a desired academic outcome. Students will be encouraged to analyze their learning data on a daily basis in every class at SHS.

Students will be tasked to assess how well they understood a topic or lesson and will work with an instructor to conference on how to be successful based off their self-assessment. Students will have an opportunity to reflect on their progress for the week in ALL their classes for a semester during Advisory. This is the time to reflect and goal set on how to move forward in areas that need improvement.

## Course Schedule

FBLA and Employability Skills	2 Weeks
Online Safety, Digital Citizenship, Adapting to Our Digital World	4 Weeks
Hardware, Software, File Management, and Web Design	6 Weeks
Problem Solving and Visual Programming	6 Weeks

## Learning Standards by Unit or Topic for Course

<p><b>FBLA and Employability Skills</b></p> <p>IT-IDT-11 Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events.</p>
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IT-IDT-1: Demonstrate employability skills required by business and industry.

IT-IDT-2: Explore, research, and present findings on positions and career paths in technology and the impact of technology on chosen career areas.

IT-IDT-3 Demonstrate effective professional communication skills (oral, written, and digital) and practices that enable positive

## **Online Safety, Digital Citizenship, Adapting to Our Digital World**

IT-IDT-5: Understand, communicate, and adapt to a digital world.

IT-IDT-10: Describe, analyze, develop and follow policies for managing ethical and legal issues in the business world and in a technology-based society.

IT-IDT-5: Understand, communicate, and adapt to a digital world.

Exemplar Activities (optional)

## **Hardware, Software, File Management, and Web Design**

IT-IDT-4: Identify, describe, evaluate, select and use appropriate technology

IT-IDT-6: Explore and explain the basic components of computer networks

IT-IDT-5: Understand, communicate, and adapt to digital world. (for Hour of Code day

IT-IDT-8: Create and organize web pages through the use of a variety of web programming design tools

## **Problem Solving and Visual Programming**

IT-IDT-9: Design, develop, test and implement programs using visual programming.

IT-IDT-7: Use computational thinking procedures to analyze and solve problems.





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## **PARENT LETTER**

Dear Parent or Guardian,

I want to take this opportunity to introduce myself and express my excitement about working with your child this 2018-2019 school year. I believe students can grow and develop by examining the issues we cover in class. The main goal of my course is to teach and learn Introduction to Digital Technology. Over the course of this year, we will work on Online Safety, Web Design, and Visual Programming. Students will have weekly assessments.

Additional information about the class is provided in the syllabus. Please read that syllabus and sign at the bottom of this page in order to indicate your understanding and support of the classroom system. Students should return this page to me.

Also note that if you ever have any comments, questions, or concerns, I am available by email at [Deborah.gilliam@henry.k12.ga.us](mailto:Deborah.gilliam@henry.k12.ga.us) and for meetings you may contact the counseling department.

I am excited about working with your child. I welcome questions or comments, and I am looking forward to a great year!





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Sincerely,

*Deborah Gilliam*

*Introduction to Digital Technology*

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_



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