

*Foundations of Computer Programming*  
**7TH GRADE COMPUTER SCIENCE COURSE SYLLABUS**  
THOMSON MIDDLE SCHOOL  
2023-2024 School Year

Teacher Name: **Ms. Jessica Y. Green**  
Teacher Email: **jessica.green@hcbe.net**  
Teacher Website: **https://tms.hcbe.net/jessicagreen**

**COURSE DESCRIPTION**

Welcome to Computer Science at Thomson Middle School!!! This eighteen (18) week Connections class provides an exploratory foundation in computer programming.

This Computer Science class emphasizes knowledge and application of STEAM (science, technology, engineering, arts, and math) related principles and concepts, as well as develops social and interpersonal skills, problem solving and critical thinking skills, and work ethics and employability skills. Overall, this class builds a strong foundation in coding and computer programming.

**CLASSROOM DISCIPLINE**

Classroom rules, policies, and procedures will be in accordance with the rules/policies/procedures outlined in the TMS Student Handbook. Consequences for not following classroom rules, policies, and procedures will be strictly enforced in this class. Students will learn “The Tiger Way” of believing and behaving while at Thomson Middle School.

Please note that students will use desktop computers daily in the Computer Science classroom. Therefore, it is imperative that they practice proper computer etiquette, or else they will lose their computer privileges.

Additionally, students are strongly encouraged to continue practicing proper social distancing protocols while in the classroom.

**CLASSROOM RESOURCES**

**HCSD Email & Log In Accounts** – The Houston County School District has provided each student with an official school email account to use for educational purposes. Student email and log in account information will be given to them by the teacher.

**Google Classroom Accounts** – Students will be required to join the Computer Science Google Classroom class. Through Google Classroom, students will have easy access to handouts, worksheets, slide show presentations, videos, etc. used to assist them in completing their class assignments. In addition to accessing and submitting their class assignments through Google Classroom, students will also take quizzes and tests through the platform.

**Grading System** - A percent system has been designed to provide a fair and accurate account of each student's progress in the Computer Science class.

Students will be graded on the following:

- Major (i.e. Performance Tasks) = 40%
- Minor (i.e. Quizzes/Tests) = 30%
- Daily (i.e. Work Ethic/Writing Assignments) = 20%
- Final Exam (i.e. Mid Terms/Final Exams) = 10%

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If you ever have any question or concerns regarding your child, feel free to email me directly or call the TMS Front Office and leave a message for me to return your call at my earliest convenience: 478.953.0489.

I look forward to working with your child this school year!

# *Foundations of Secure Information Systems*

## **6TH GRADE COMPUTER SCIENCE COURSE SYLLABUS**

THOMSON MIDDLE SCHOOL

2023-2024 School Year

Teacher Name: **Ms. Jessica Y. Green**

Teacher Email: **[jessica.green@hcbe.net](mailto:jessica.green@hcbe.net)**

Teacher Website: **<https://tms.hcbe.net/jessicagreen>**

### **COURSE DESCRIPTION**

Welcome to Computer Science at Thomson Middle School!!! This eighteen (18) week Connections class provides an exploratory foundation in information systems, networking, and cybersecurity.

This Computer Science class emphasizes knowledge and application of STEAM (science, technology, engineering, arts, and math) related principles and concepts, as well as develops social and interpersonal skills, problem solving and critical thinking skills, and work ethics and employability skills. Overall, this class serves to empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Additionally, students will learn foundational concepts and skills of computer science and programming, and will explore using computers to solve problems and express themselves.

### **CLASSROOM DISCIPLINE**

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**Grading System** - A percent system has been designed to provide a fair and accurate account of each student's progress in the Computer Science class.

Students will be graded on the following:

- Major (i.e. Performance Tasks) = 40%
- Minor (i.e. Quizzes/Tests) = 30%
- Daily (i.e. Work Ethic/Writing Assignments) = 25%
- Final Exam (i.e. Mid Terms/Final Exams) = 5%

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*Foundations of Interactive Design*  
**8TH GRADE COMPUTER SCIENCE COURSE SYLLABUS**  
THOMSON MIDDLE SCHOOL  
2023-2024 School Year

Teacher Name: **Ms. Jessica Y. Green**  
Teacher Email: **jessica.green@hcbe.net**  
Teacher Website: **https://tms.hcbe.net/jessicagreen**

**COURSE DESCRIPTION**

Welcome to Computer Science at Thomson Middle School!!! This eighteen (18) week Connections class provides an exploratory foundation in the design and development of Websites and video games.

This Computer Science class emphasizes knowledge and application of STEAM (science, technology, engineering, arts, and math) related principles and concepts, as well as develops social and interpersonal skills, problem solving and critical thinking skills, and work ethics and employability skills. Overall, this class builds a strong foundation in designing interactive programs .

**CLASSROOM DISCIPLINE**

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- Minor (i.e. Quizzes/Tests) = 30%
- Daily (i.e. Work Ethic/Writing Assignments) = 15%
- Final Exam (i.e. Mid Terms/Final Exams) = 15%

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