

2023 -
2024

7&8th Grade Computer Science

****This syllabus is subject to change at teacher discretion.**

TEACHER AND CONTACT INFORMATION

Mrs. Beth Naylor



E-mail is the best way to reach me:
beth.naylor@chestercountyschools.org

I'm also reachable through the Remind App and the school phone: (731) 989-8135.

CLASS MATERIALS

If your child has a binder for all his or her subjects, please include dividers with wide-ruled paper. Have one section for Computer Science.

Other supplies helpful for classes are:

- ☐ Expo markers
- ☐ Colored pencils and sharpener
- ☐ Pencils (at least 24)
- ☐ Highlighters, any color
- ☐ Earbuds to plug into laptop
- ☐ Zippered pencil bag to store personal supplies
- ☐ Kleenex (give to teacher)

CLASS DESCRIPTION

The seventh grade computer science class offers students an exciting opportunity to explore the fundamentals of computer science (beginning with keyboarding) and develop essential digital skills.

The curriculum of the seventh grade computer science class is designed to introduce students to various aspects of computer science, including computational thinking, programming, data representation, and digital citizenship. While specific topics may vary depending on the school schedule or availability, common areas of study include:

Computational Thinking: The class emphasizes computational thinking skills, which involve breaking down complex problems into smaller, manageable parts. Students learn to analyze problems, design algorithms, and implement solutions using tools in a balance of plugged (using computer) and unplugged (not needing a computer device) activities.

Introduction to Programming: Students learn the basics of programming using a beginner-friendly language or platform, such as Scratch or Python.

Data Representation: Students learn how computers store and manipulate data.

Internet Safety and Digital Citizenship: As part of the course, students are educated about online safety, responsible internet use, and ethical considerations related to technology. They learn about privacy, cyberbullying, and the importance of being responsible digital citizens.

UNITS OF STUDY

Tennessee Education Standards are online at www.tn.gov/education

Our major units of study will include but are not limited to:

- Foundational Concepts
- Algorithmic Thinking
- Programming Concepts
- Data and Analysis
- Networking and the Internet
- Impacts of Computing

Students will use online curriculum resources Typing.com, Edgenuity, Robotify, and others.

ABSENTEE POLICY

- As work is available online through Google Classroom and the teacher being available through email, it is the student's responsibility to make-up work from the teacher.
- Mentoring classes allow for students to study and complete work.

GRADING POLICY

- The Tennessee State Standards will be assessed throughout the grading periods.
- It is our goal that each student and parent stay up to date on the progress being made in class.
- Keep up with your child's progress in the Synergy Platform (Student Vue or Parent Vue) or Google Classroom.
- We encourage you to contact the teacher about grades if you still have concerns after consulting with your child.

CLASSROOM EXPECTATIONS

- ☐ Work together, build relationships, and encourage each other to become a team.
- ☐ Respect everyone. We respect every person, his or her belongings, and his or her ideas.
- ☐ Do our best.
- ☐ Follow school rules. (See School and Board handbooks for detailed information)
- ☐ Bring a positive attitude every day. Bad days do occur, however we should try to bring a positive attitude to each class.
- ☐ Work hard every day.
- ☐ Come to class prepared.
- ☐ Approach each task with GRIT, GROWTH, and GRATITUDE in mind. Make it your goal to learn something new every day. If you do this, you will learn.

GRADING SCALE***7th Grade Computer Science:
Assignments and Quizzes***

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

We are looking forward to a fantastic year!

Parents, please sign and remove this slip. Return it to your child's Computer Science teacher by the end of the week. The syllabus can also be found on the school website for future reference. By signing below, I am agreeing that I have read the syllabus for seventh-grade Computer Science class and understand the grading policy, classroom expectations, intended units of study, and supplies needed.

Student signature _____

Parent signature _____