Hope Middle School
8th Grade Computer Science Discoveries

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

CS Discoveries is designed from the ground up to be an accessible and engaging course for all students, regardless of background or prior experience. It provides students opportunities to engage with culturally and personally relevant topics in a wide variety of contexts and aims to show all students that CS is for them.

CS Discoveries focuses on the skills that enable students to create and express themselves in a variety of contexts and media. Whether they are developing their own website or building a game, students are empowered to bring their ideas to life.

The following units will be covered in this course.

A.	**Problem Solving**
	Exploring the Problem Solving Process
B.	**Web Development**
	Exploring websites
	Digital Footprint
	Intro to HTML
	Styling and CSS
C.	**Animations and Games**
	Programming for Entertainment
	Drawing in Game Lab
	Game Design
D.	**Career Exploration**

Grading Policy:

Lesson Completion	40%
Journal	20%
Class Participation	20%
Projects/Tests	20%

School Supplies Needed:

Marble Notebook for Journal
Pencils
Earbuds

I am looking forward to a semester of learning and fun with computers. Together these can help you master essential computer skills that you will need to be successful in school and life.

Mrs. Eileen E. Best, Computer Science and Business Education Teacher

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Dear Parents/Guardian:

Thanks in advance for your support to encourage your child each day to be prepared, ready to learn, and to follow the class rules while in the computer lab. Please sign below in an effort that we can work together to achieve this goal. Return this signed letter to be kept in your child's classroom folder.

Student's Name_____

Printed Parent/Guardian's Name _____

Parent Email address_____ Contact Phone Number
                                                                                                        Cell or Home Number_____

_____   _____
Parent/Guardian's Signature   Date

August 2019