

# Computer Science Discoveries

Mr. Burdeau

[zburdeau@arlington.k12.ma.us](mailto:zburdeau@arlington.k12.ma.us)

Room 329

## Introduction:

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.

The course consists of 6 units. Units utilize a variety of tools/platforms, and culminate with creative final projects around the following topics:

Unit 1: Problem Solving	Unit 2: Web Development	Unit 3: Animations and Games
Unit 4: The Design Process	Unit 5: Data and Society	Unit 6: Physical Computing

My objective is to make this year exciting, challenging, and successful for you through a variety of methods. You will work independently as well as together as a class or in small groups to share ideas, opinions, and strategies with one another. I encourage you to become an active and willing participant during class time.

## Your responsibilities:

1. Follow school rules and classroom norms at all times.
2. Arrive on time to class.
3. Participate in class by asking questions, commenting on the topic, and collaborating with peers.
4. Arrive prepared to learn with materials ready-to-go!
5. Turn in assignments on time.
6. Let me know what you need. Communicate to keep me in the loop, as needed, both via Google Classroom regarding individual assignments and email for more general information.
7. Cell phones, headphones, and air pods should not be used in class except at times specified by the teacher.
8. Keep food away during class.
9. Use technology responsibly. See APS Responsible Use Policy.

## Google Classroom:

Google Classroom will be an important communication tool during our course. Make sure you use the code below to join our Google Classroom.

Class	Section	Code
CS Discoveries	A Block	e633dmn

**Materials:**

1. Pencil(s) and paper. We all make mistakes (me included!), so **use a pencil and eraser** to make sure your work is as clear as possible.
2. Binder or notebook and folder.
3. Your charged device! (Chromebook, PC, Mac, etc.)

**Grades:**

Grades are based on the following:

Classwork/Homework (including Journal)	50%
Assessments (Projects, quizzes, tests)	50%

**Office Hours/Extra Help:**

Please stop by with any questions. I will be running office hours in **room 329**.

Tuesday X Block (2:10 - 2:56)

Tuesday after school (3:00 - 3:30)

Thursday after school (3:00 - 3:30)

**Homework**

Homework will mostly consist of finishing up work that you did not have enough time to finish in class. As a result, I do not plan on assigning much separate homework in this class. When homework is assigned, it needs to be completed on the day it is due for full credit.

**Academic Honesty**

The work you turn in should always be your own. You may be asked to certify that the work you submit is yours. According to the AHS Student Handbook, academic dishonesty includes, but is not limited to, the following behaviors:

- Using another person's words or ideas without acknowledgment. Plagiarism is stealing.
- Purchasing, selling, obtaining, or furnishing an assignment from another person or technological resource and using it without acknowledgment.
- Looking at another student's test/quiz or essay and submitting the work as one's own.
- Communicating about course material with anyone other than the teacher during a test/quiz.
- Allowing one's own work to be copied, shared, or photographed and submitted as part of another person's work without acknowledgments.
- Using unauthorized assistance (for example: notes, calculators, phones, or other devices) on a test/quiz.
- Falsifying scientific or other data submitted for academic credit.
- Acquiring, without authorization, copies of tests/quizzes before the scheduled exercise.

**Absences**

If you are absent for any reason, it is your responsibility to make up missed assignments. If you do miss a class, please make sure to communicate with me to ensure that you know what you need to make up and you make it up within a reasonable time.

**Closing**

I look forward to getting to know you throughout the year and working with you to ensure you have a successful experience in this course. Please reach out to me if you have any questions or concerns.