

Dunbar Creative and Performing Arts Magnet School

CS Endeavors 6 Course Syllabus Mr. Thompson tthompson3@mcpss.com

Course Description: CS Endeavors: this course is offered to 6th graders only and introduces students to block coding 1/block coding 2 through a site called scratch. There is a focus on algorithms, and the internet of things. The course aims to develop computational thinking and build student excitement about computing. In addition to learning about programming and algorithms, students build career awareness about computing skills in all fields. Students also improve their knowledge and skill with regard to ethics, safety, and security on the Internet.

Prerequisites: None

Course Goals:

Students will be able to:

- Build skills in programming and build their ability to break apart a problem and persistently build solutions in small steps.
- Utilize creativity, collaboration, and the design process.
- Explore the new opportunities for creativity and collaboration related to data.

Classroom Expectations

- Students are expected to:
- Come to class on time, prepared to participate with notebook, paper and pen.
- Respect others and their belongings.
- Exhibit self control at all times.
- Help keep the classroom clean.
- Refrain from having food, drinks and gum in class.

GRADING PROCEDURES

Grades are determined based on the following procedures:

- Assessments – 60%
- In Class Assignments – 40%