

**Twin Falls School District
Mobile App Development
(JavaScript)
Sarah LaMarche**



**737-5208 ext. 3104
lamarchesa@tfsd.org**

Course Description:

This course focuses on learning JavaScript using processing p5.js. This will allow Students to eventually develop mobile applications for the Android and iOS (Apple), Students will use HTML5, CSS3 and JavaScript in conjunction with the Apache Cordova Framework to implement the develop once - deploy to all process for the mobile device platforms. You will truly have the opportunity to develop native applications for your mobile devices

Instructional Philosophy:

This course is a composite of lecture, assignments, active production projects, quizzes, and performance and written assessments. It is my belief that kids learn to program by doing.

Power Standards:

- Standard 1:** Students will create programs using HTML, CSS and JavaScript syntax
- Standard 2:** Students will access JavaScript Library P5.js
- Standard 3:** Students will use standard development environments to develop mobile applications
- Standard 4:** Students will develop mobile web apps
- Standard 5:** Students will programmatically access native elements of mobile devices

Major Course Projects and Assignments:

- Current Events** – Students will design projects using the technologies covered in the course.
- Daily Assignments** -
- Final Project** – Students will develop a mobile application and deploy it to an Android device
- End of Course Assessment**

Assessment and Grading Plan: Grades will be assessed using traditional methods and scoring rubrics.

Components of the Grade:

Assignments & Quizzes	50%
Discussion Topics	10%
Midterm Project/Exam	10%
Final Project/Exam	35%

Grading Scale:	A	90 – 100%
	B	80 – 89.9%
	C	70 – 79.9%
	Incomplete	Below 70%

Policy for Re-Doing Work:

If course time allows, “Re-Dos” will be scheduled by the student, graded using the original assignment rubric and will be assessed a 20% deduction once the final grade is calculated. Scheduling of ALL make-up work and “Re-Dos” is the responsibility of the student. All course work must be submitted by 3:00pm the school day prior to finals. Grades are final by the end of course.

Opportunities for Extra Help:

I urge you to take advantage of extra help opportunities! You may make an appointment with me for extra help before or after school. You may also receive personal tutoring from other students.