

First Quarter, 2015 – Core Content Objectives

Subject	Grade	Teacher	Objectives
Algebra 1	9 & 10	Amanda	Pre-Algebra Review, solving equations, inequalities
Biology	10	Ms. Kathy	Cell structure and function; Cell membrane and transport
Civics	9	Mr. Johah	Why do we need government? Different structures of government. Political Parties
Earth Science	9	MS Kathy	Solar System - planets
Earth Science	9	Ms. Carol	Astronomy: To understand at least 3 facts about each planet; To present a viable solution for future colonization of another planet or galaxy; To understand and exhibit layers of the sun along with knowledge of its process of energy production.
English	9 & 10	Mr. Alter, Ms. B, Ms. Molly	Argumentative Writing and Short Stories
Fine Arts	9 & 10	Ms. Parks	<u>Photography</u> : Focus on Communication Learning Goal: Students will study analog photography and dark room practices in order to take compelling photos of subjects. They will achieve this by: taking photos w/analog cameras, developing film negatives, printing and enlarging film negatives onto photo paper and exhibiting photos to peers. <u>Drama</u> : Focus on Social Reasoning Learning Goal – Students will read, write, and produce plays and dramatic works by learning theater history, vocabulary, playwrights, screenwriters, and dramatic works. They will study theatre, film, and television, perform for an audience of their peers, and relate social, cultural, and political issues to dramatic works.
Geometry	10	Mr. Mahoney	Geometric Constructions: Bisecting angles, constructing parallel lines, constructing triangles. Identifying pairs of angles
Health	9 & 10	Zeus	Meeting personalized fitness goals for the year
Physical Education	9 & 10	Zeus	Moving without ball, working as a team
US History	9 & 10	Me. Z	Students will determine historical connections between the Civil War and the Civil Rights Movement