

Ke`elikolani Middle School  
Grade 8 Curriculum  
SY 2022-23

REQUIRED COURSES

- **Advisory 8** – The Advisory Program at CMS is designed to focus on the social, emotional, physical, psychological and ethical development of students. This first period of every school day provides an opportunity for students to have a supportive and stable peer group with the consistency and caring of an adult at the school. A variety of activities are used during these periods including team building (social), CHECK/Bulldog Way (emotional/ethical), intramurals, wellness and student government (social/physical). It is also during this time that the day's attendance is recorded and important information and announcements are disseminated.
- **English Language Arts 8** – This course provides students a standards-based program using the Common Core Standards through the CollegeBoard's SpringBoard workbook, as well as other materials such as selected books, film, reading articles, and internet websites. Reading, writing, speaking, and listening with both informational and literary texts are integrated each quarter in activities, essays, and projects. The study of literature engages students in selections that span time and cultures and present universal themes that relate to their lives and the lives of others.
- **Mathematics 8**
  - **Pre-Algebra 8** – This course is required of all students in grade 8 (except for those 8th graders identified to enroll in Algebra I). Emphasis is on developing proficiency with concepts and skills in The Number System; Expressions and Equations; Functions; Geometry; Statistics and Probability. Learning in these areas will support the development of student proficiency of the Common Core State Standards for Mathematics. KMS follows the state guidelines and uses the Ready Classroom Mathematics Program with Pre-Algebra 8 using Ready Classroom Mathematics Grade 8 Volumes 1 and 2.
  - **Algebra** – This course is for those 8<sup>th</sup> graders who have been identified to enroll in Algebra I. Content of this course focuses on modeling with functions, linear functions, quadratic functions, solving equations and inequalities in two variables (including systems of equations), and analyzing bivariate data to identify and explain apparent relationships. Learning opportunities will support students to understand and describe symbolic, graphical, numeric (tabular) and verbal representations of important mathematical ideas. Conceptual understanding, fluency with procedures and skills, and application of knowledge will be emphasized throughout the course. In addition, students enrolled in Algebra I will be studying the Common Core State Standards for Mathematics Grade 8. KMS uses the Kendall Hunt Illustrative Mathematics curriculum.
- **Social Studies 8** – Students learn about the early history of the United States and our democratic government. The history of the US Constitution and the Bill of Rights on American citizens, and current events are explored. In-depth understanding of the philosophical and historical foundations of our American government and the rights and responsibilities of citizens are the expected outcomes.
- **Science 8** – Science is a yearlong course using the IQWST (Investigating and Questioning Our World through Science and Technology) text. Emphasis is on the use of laboratory activities to develop skills in laboratory procedures and inquiry. IQWST is made up of four main units: Physical Science, Introduction to Chemistry, Life Science, and Earth Science.
- **CTE 8** – Career and Technical Education: This course is an introductory study of industry and technology. Learning experiences involve activities in one or more of the following systems of technology: communication, construction, manufacturing, transportation, and biotechnology and provide opportunities for creativity, problem solving, and cooperative/collaborative learning.

## ELECTIVE COURSES

- **Intro to Band** – The “Comprehensive Band Method” is used to teach this introductory course. This course assumes that the student has had little or no experience in playing an instrument or in reading music. The willingness to practice in order to become a good musician and being conscientious about bringing instruments and music to class daily are musts. Rhythmic foundation and development, technique building exercises, introduction to music theory, scale studies, and instrument care and maintenance are topics covered during the year.
- **Intro to Orchestra** – The “Comprehensive String Method” is used to teach students to play a string instrument such as the violin, viola, cello or string bass. This course assumes that the student has had little or no experience in playing an instrument or in reading music. The willingness to practice in order to become a good musician is a must, as well as being conscientious about bringing instruments and music to class daily. Rhythmic foundation and development, technique building exercises, introduction to music theory, scales studies, and instrument care and maintenance are topics covered during the year.
- **PE/Health** – Physical Education: This standards-based course will focus on further developing fundamental and sport-specific skills in order for students to competently participate in a variety of adapted and modified physical fitness experiences, including invasion, field, net, target, and aquatic games and activities. Along with the acquisition of more sport-specific skills, offensive and defensive strategies, as well as a more evolved sense of team goals and objectives will be emphasized. The student’s understanding of critical skills allows for personal and peer-to-peer assessment. As a result, students may begin to design their own personal practice drills and exercises to improve perceived or identified weaknesses. Health: Students will analyze choices individuals can make that promote and protect their health. Students in this elective course will analyze their individual lifestyles and needs. Units of study may include nutrition and weight control, contemporary issues, health risk appraisal, risk reduction strategies, holistic health, wellness, grooming and hygiene, stress management, aerobics and sports (including rope jumping), C.P.R., first aid, water safety, bicycle safety, driving safety, volunteering in health agencies, health careers, and career life planning.

## RESTRICTED ELECTIVES

### TEACHER APPROVAL/RECOMMENDATION IS REQUIRED TO ENROLL

- **Beginning/Intermediate Band or Beginning/Intermediate Orchestra** – Beginning/Intermediate Band and Beginning/Intermediate Orchestra are courses for experienced and serious Band and Orchestra students who are already proficient at reading music and playing their instruments. Emphasis on developing sensitive, confident musicians as more advanced instrumental techniques are taught, and more intricate music is practiced and performed for an audience. Will require rehearsals after school as needed to prepare for performances. **Prerequisites: Intro/Beginning Band or Orchestra and signed teacher approval.**
- **ESOL 8** – An intensive English language acquisition course to develop student language proficiency. This course will replace a student’s elective choice in Grade 8.