

# Alvarado Honors and Elective Choices Worksheet

8th Grade 2019-2020

<p><b>Advanced Band</b> Advanced Band is designed for students who have completed one or more years of instrumental studies and who have an interest in becoming involved in a performing organization. The marching band competes competitively against other bands from across Southern California.</p>	<p><b>Orchestra</b> Students will develop their skills as well as learn how to play in an ensemble. Students will be required to rent an instrument to perform. ORchestra performs in concerts at district events and other ratings festivals.</p>	<p><b>Computer Science Discoveries</b></p> <ul style="list-style-type: none"> <li>● Practice Problem Solving</li> <li>● Build a Website</li> <li>● Create Animations &amp; Games</li> <li>● Practice the Design Process</li> <li>● Build an App</li> <li>● Examine Data in Society</li> <li>● Create on a Circuit Board.</li> </ul>
<p><b>AVID</b> AVID targets students in the academic middle, with the desire to go to college, and come from groups traditionally underrepresented in higher education. They are students who are capable of completing rigorous curriculum with additional academic support. <b>Application &amp; interview required</b></p>	<p><b>STEM Engineering Lab</b> Join us for project based hands-on experiences while we explore 18 different college and career jobs. Explore careers in STEM ranging from nursing and dentistry, to child development, virtual architecture, computer graphics and animation, computer science, home maintenance, culinary, race car design, and much more.</p>	<p><b>Computer Science Principles</b></p> <ul style="list-style-type: none"> <li>● Learn about the internet and digital information</li> <li>● Get introduced to programming</li> <li>● Program an interactive scene</li> <li>● Learn the pros/cons of big data</li> <li>● Explore the foundations of cryptography</li> <li>● Learn event driven programming</li> <li>● Program apps</li> </ul> <p>Recommended: Algebra 1 or Teacher Recommendation</p>
<p><b>Chorus</b> Students will be involved in learning basic vocal techniques and how to read a choral score. Musical selections will range from classical to pop.</p>	<p><b>Yearbook</b> This will require learning photography skills, layout and page design, writing articles and captions, promoting Yearbook sales, and participating in Yearbook distribution at the end of the year.</p>	<p><b>Spanish 1</b> Spanish is a year long academic elective for 8th graders who have an A or B in English. Listening, speaking, reading, and writing of Spanish are required. Homework is assigned every day.</p>
<p><b>Beginning Band</b> Students are taught the basics of note reading, tone and fingering techniques, correct posture and breathing methods.</p>	<p><b>Cooking</b> This is an activity-based class that focuses on teamwork and career skills. Students learn beginning food preparation techniques, kitchen and food safety, and nutrition and wellness.</p>	<p><b>Chinese 1</b> This class introduces students to the language and culture of China. The goal is to develop students' basic skills of listening, speaking, reading and writing abilities in Mandarin Chinese and to understand the customs and life of modern Chinese.</p>
<p><b>Leadership</b> This class is for students interested in developing their leadership skills and organizational responsibility. Students will learn how to be leaders at school, in the community, and in their daily lives. <b>Application &amp; interview required.</b></p>		<p><b>Chinese 2</b> Chinese 2 will continue to expand the students' ability to understand, speak, read, and write Chinese. In addition, students will continue to broaden and deepen their cultural knowledge of Chinese.</p>