

**JCIB Middle School**  
**Course Descriptions**  
**EIGHTH GRADE**  
**2019-20**

**English Language Arts 8, Advanced** -Pre-requisites: Appropriate score on district rubric  
Reading literature, reading informational text, writing, speaking and listening, and language.

**Math 8, Honors/Advanced**, --NOTE: Updated course code pending approval by ALSDE.  
Advanced work in problem-solving skills; expanded pre-geometry skills, including angles; characteristics of shapes and figures, and perimeter and area of shapes; expanded pre-algebra concepts, including equations, inequalities, and properties of rational numbers; functions; graphs; theoretical probability and statistics; and the Pythagorean Theorem.

**Physical Science 8, Honors/Advanced** -Advanced Physical Science concentration on the composition and properties of matter; examining forces and predicting and developing explanations for changes in motion; the conservation of energy, energy transformations, and applications of energy to everyday life; and types and properties of waves and the use of waves in communication devices with integration of science and engineering practices.

**World History to 1500 Honors/Advanced**– Advanced work in the chronological history of the world: survey of early and classical civilizations; world expansion of agrarian and commercial civilizations from the beginnings to 1500.

**Physical Education** – Physical Education is a year-long course designed to increase physical fitness and teach individual/team sports.

**French 1** -Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures

**Spanish 1**-Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures

**German 1**- Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of German-speaking cultures

**ELECTIVES:**

**Music (Choir) 8** – Choir is a year-long course in which students learn to improve their singing skills through singing different types of music and learning to read music. Our choirs perform one concert at the end of each nine weeks and occasionally at other events.

**Band 8** – Band is a year-long course. The band director will assign the correct level of band, beginning, intermediate, or advanced.

**Intro to Programming** - Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development.

**Visual Art 8** -Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.