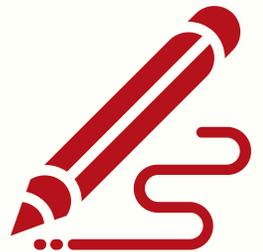




EPISCOPAL DAY SCHOOL

# EIGHTH GRADE

CURRICULUM SNAPSHOT



2248 Walton Way, Augusta, GA 30904  
[www.EDSAugusta.com](http://www.EDSAugusta.com) • 706-733-1192



*By the end of Eighth Grade,  
students will be able to:*



## MATHEMATICS



*In addition, students will:*

- Demonstrate problem-solving proficiency with linear, quadratic, and exponential equations and functions that shows readiness for higher level high school mathematics
- Manipulate a variety of scientific and geometric formulas to determine the solutions to real-world applications
- Explain the problem-solving process behind solving multi-step and quadratic equations, and explain the thinking and reasoning behind their solutions

- Earn a high school credit in Algebra I
- Real-world applications of Algebra concepts as they relate to 21st-century careers
- Use statistical analysis to interpret and describe the results of field studies and scientific investigations at the Walton Way and Flowing Wells Campus
- Develop math note-taking skills

## ENGLISH/LANGUAGE ARTS: READING & LITERATURE

- Draw parallels among common themes and make connections among self, text, and the world through literary and informational texts from a variety of genres
- Determine the meaning of words as they are used in context and analyze the impact of specific word choices on meaning and tone
- Cite text evidence that supports an analysis of what the text says explicitly as well as inferences drawn from the text
- Recognize and analyze a variety of literary elements



- Explore the theme of “What’s Worth Fighting For?” by reading a wide variety of literary and informational texts focusing on topics such as growth mindset, civil rights, justice, and defending the oppressed
- Participate in an interdisciplinary Religion and English study of Judaism, the Holocaust, and the Golden Rule
- Learn about the Civil War and the Great Depression eras through a variety of readings in both History and English

## ENGLISH/LANGUAGE ARTS: WRITING, COMPOSITION, & GRAMMAR

- Incorporate appropriate grade-level vocabulary and diction in writing and speaking
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing for a variety of purposes
- Appropriately form and use verbs in the active and passive voice

- Compose narratives based on personal reflections of the Outward Bound experience and for 8th Grade Grandparents Day
- Respond visually and verbally to selected artwork from the Morris Museum’s permanent collection and compose creative writings based on their responses
- Conduct research related to a current scientific debate and write a scientific argument paper using logic and reason to support claims with clear and relevant evidence

## SOCIAL STUDIES

- Locate and use primary and secondary sources to develop and support a thesis
- Gather and analyze evidence to develop answers to complex questions
- Write formal academic papers with citations and annotated bibliographies, leading up to the National History Day research paper



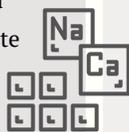
- Explore United States history from the mid-19th Century to the present
- Produce slideshows, movies, and papers on topics in United States history
- Study the nation’s capital, United States government, the Great Depression, the Holocaust, World War II, and the Cold War

*By the end of Eighth Grade,  
students will be able to:*



## SCIENCE

- Describe the organization of the Periodic Table of Elements and explain how the locations of elements in columns and rows relate to their reactivity with other elements
- Use mathematical formulas to explain how Newton's laws of motion can be used to describe real-world phenomena such as car crashes and sports
- Explain how electricity flows through series and parallel circuits and use Ohm's law and the power equation to calculate voltage and resistance



*In addition, students will:*



- Conduct monthly chemical analysis of soil and water at the Flowing Wells Campus to observe how these resources are impacted by human activities
- Develop critical thinking and engineering skills needed to create models that demonstrate Newton's laws of motion
- Create multiple class presentations to explain current science events and share experimental data they have collected

## SPANISH

- Write on a wide variety of familiar topics using correct grammar, usage, and mechanics in Spanish
- Present on a wide variety of topics to include specific personal experiences, school activities, and current events using connected sentences to build fluency
- Share preferences, opinions, and feelings utilizing the present, past, and future tenses
- Receive credit for High School Spanish 1 and be prepared to enter Honors Spanish 2 or Spanish 2

- Participate in authentic songs and games
- Compare aspects of Hispanic and local cultures such as various greetings, celebrations, and regional expressions
- Create digital presentations in Spanish and prepare regional cuisine to examine different identities, perspectives, and cultures of the Hispanic world
- Take the National Spanish Exam for the HS Spanish 1 level

## RELIGION

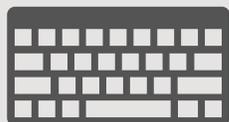
- Articulate the meaning of ethics and ethical living and demonstrate familiarity with the ethical theories of Aristotle, Immanuel Kant, Jeremy Bentham, and other notable thinkers
- Debate abstract, complicated ideas with classmates in a way that models civil discourse
- Compare/contrast the three Abrahamic faiths and the history, traditions, symbols, and sacred texts of nine other major world religions
- Appreciate, respect, and celebrate the diversity of faiths that exist in our world and our own community

- Write an analytical essay exploring real-life dilemmas according to various ethical frameworks discussed in class
- Write a five-paragraph essay about the Holocaust and other acts of genocide in interdisciplinary collaboration with the English and history teachers
- Experience visits to the neighboring synagogue and mosque, and receive guests from other area faith communities
- Produce a spiritual autobiography in which they describe what matters most to them in their personal lives of faith



## CYBER SKILLS & CITIZENSHIP

- Keyboard with 90% accuracy and 40 WPM
- Use browser extensions to plan for projects, tests, and other large assignments
- Insert headers and page numbers
- Find credible sources on the internet (internet research and media literacy)



- Experience robotics coding concepts and hands-on application
- Recognize and not fall for "fake news" to include phishing scams online
- Exhibit kindness and respect in all digital communication; stand up to and report cyberbullying
- Understand the importance of being authentic online, not impersonating someone else or logging into someone else's account
- Understand that information posted online is never actually truly deleted

*By the end of Eighth Grade,  
students will be able to:*



## MUSIC

- Play songs on the guitar using at least four chords
- Find new music or learn songs that they have heard using tools they have practiced using in class
- Independently read standard music notation and lead sheets while playing the guitar

*In addition, students will:*



- Form groups and independently analyze a song of their choice; recreating the song with various instruments and layering
- Use tools they have learned about to learn independently and teach each other with guidance
- Spread Christmas cheer as they take their guitars through the halls to carol to classes throughout the school

## ART

- Create at least one still-life, landscape, and self-portrait
- Use the choice-based-learning style to create a majority of their projects
- Be familiar with iconic artists/movements/techniques as they explore and research contemporary artists/different techniques as they continue to develop their artistic styles

- Photograph all completed artwork and upload assignments into Google Studio
- Describe their work and the work of others through proper use of art terminology and write up an artist statement and critique
- Further explore personal symbology and continue developing his/her style



## EXPERIENCES & PERFORMANCES

Weekly Field Trips to EDS Flowing Wells Campus for Experiential Learning

Opening Convocation

Morning Announcements

Panther Pals

Acolyte in Weekly Chapel Service

Outward Bound Overnight Nature Excursion

8th Grade Grandparents Day Chapel and Brunch

All-School Christmas Sing Along

Middle School Christmas Brunch

Episcopal Schools Week All-School Chapel

CSRA Eco-Meet

School Wide GISA Spelling Bee

National History Day

Junior Model UN

8th Grade Eucharist

Closing Convocation

Graduation