



## CURRICULUM OVERVIEW AND EXPECTATIONS

### GRADE 5

At Cape Henry Collegiate, our grade 5 students receive high quality instruction that fosters academic curiosity and confidence and the support to become mature, self-directed learners. Our curriculum is designed to support the whole child, encourage creativity and foster curiosity. Skills and concepts learned in 5th grade are vitally important for students to develop the academic, social-emotional skills and confidence for succeeding in Middle School.

#### **WHAT CAN YOU EXPECT FROM A CHC GRADE 5 CLASSROOM?**

- Opportunities for students to take on independent learning and research activities
- Integration of technology and arts in instruction
- Environments emphasizing problem solving, personal accountability and self-discovery
- An intentional focus on building intrapersonal intelligence

#### **WHAT DOES THE CHC GRADE 5 CURRICULUM LOOK LIKE?**

The curriculum is the culmination of the Lower School experience. To best meet the needs of our students, we offer college prep as well as honors courses in math and language arts. This focused differentiation helps students build confidence and self-awareness about strengths, areas of improvement and learning pace. Across subject areas, students gain the tenacity to work independently and pursue projects of their interests. In language arts, they use various research tools and analyze texts from different genres. In science, students pose questions, look for answers and explore the natural world around them. The carefully designed, cross-curricular activities in Spanish, art, physical education, music, guidance and library classes support academic and social development.

#### **WHAT KEY SKILLS/CONCEPTS DO CHC GRADE 5 CLASSROOMS INTRODUCE TO STUDENTS?**

##### **Math**

- Use ratios, decimals, percentages and fractions
- Explore concepts of geometry
- Demonstrate mastery of multi-digit addition, subtraction, multiplication and division
- Read, interpret and create tables, charts and graphs
- Solve real-world problems
- Explore and use algebra in problem solving

##### **Language Arts**

- Expand writing skills for various audiences/purposes
- Study Greek and African mythology and folklore
- Analyze and annotate novels, articles and digital texts
- Use digital tools for research and presentation

##### **Science**

- Code using Python and EV3 Lego robotics
- Study matter and interactions
- Investigate concepts of geology
- Observe laws of motion and stability
- Explore the molecular processes of organisms

##### **Social/Global Studies**

- Investigate the history of America, including the Founding Fathers, foundations of American Democracy and the Civil War
- Complete a yearlong study of Africa in order to create essays, poems, skits and other projects focusing on geography, culture and history