



CURRICULUM OVERVIEW AND EXPECTATIONS

GRADE 4

At Cape Henry Collegiate, our grade 4 students receive high quality instruction that fosters academic confidence and the support to become independent, self-directed learners. Our curriculum is designed to support the whole child, encourage creativity and foster curiosity. Skills and concepts learned in 4th grade are the vitally important foundation for future learning.

WHAT CAN YOU EXPECT FROM A CHC GRADE 4 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 4 CURRICULUM LOOK LIKE?

The curriculum supports a year of exploration. 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, students 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. 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 4 CLASSROOMS INTRODUCE TO STUDENTS?

Math

- Multiply and divide multi-digit numbers
- Create and analyze charts, tables and graphs
- Calculate with fractions, mixed numbers and decimals
- Apply concepts of geometry

Science

- Explore the physics of waves and energy
- Code using Python and EV3 Lego robotics
- Study geology and the processes of our changing planet
- Observe animal adaptations, traits and genetics
- Read, interpret and create tables, charts and graphs

Language Arts

- Expand writing skills for various audiences/purposes
- Analyze novels, articles and digital texts
- Use digital tools for independent research

Social/Global Studies

- Complete a yearlong study of Europe in order to create a "Travel Expo" presentation
- Investigate the history of Virginia from the first establishment of America's first settlement to the Revolutionary War
- Explore the geography, culture and history of Virginia and its five regions