



In a society that is dependent on information and knowledge, equitable and universal access to technology is essential to the learning process. With the guidance of skilled educators and community members, all students will have the opportunity to become actively engaged in the learning process as they think, create, inquire, solve problems and communicate in collaborative and interdisciplinary environments. Students will emerge as lifelong learners, productive members of the workforce and citizens that can contribute to society.

Our district believes:

- The school of tomorrow will not be bound by walls or limited to a standard school day
- The community of tomorrow will be one of continuous learning
- Information and communication are essential tools for the process of improving our curriculum
  - Using technology ethically and appropriately, students can support their own learning by communicating with professionals and students from around the world
  - With increasing global information, students must be able to scrutinize for information validity
  - Suggested applications to incorporate effective technology use should be modeled by teachers in the classroom
- Effective student assessment is an integral part of strong teaching methods
- In collaboration with the other school districts of Cape May County, we are committed to maintaining the high standard of technology-infused curricula that has been established through the years of partnership, cooperation, and implementation of a shared educational vision.



## **Course Curriculum**

This curriculum and accompanying instructional materials have been developed to align with the New Jersey Student Learning Standards and in accordance with the NJ Department of Education’s guidelines to include: curriculum designed to meet grade-level expectations, integrated accommodations and modifications for students with IEPs, 504s, ELLs, and gifted and talented students, assessments including benchmarks, formative, summative and alternative assessments, a list of core instructional and supplemental materials, pacing guide (scope and sequence), interdisciplinary connections, integration of 21st-century skills, integration of technology, and integration of 21st Century Life and Career Standards.

## **About the Standards**

In 1996, the New Jersey State Board of Education adopted the state’s first set of academic standards called the Core Curriculum Content Standards. The standards describe what students should know and be able to do upon completion of thirteen-year public school education. Over the last twenty years, New Jersey’s academic standards have laid the foundation for local district curricula that are used by teachers in their daily lesson plans. At Margaret Mace School, curricula are fluid and are revised as needed to meet the students. In general, the standards provide local school districts with clear and specific benchmarks for student achievement in specific content areas. Developed and reviewed by panels of teachers, administrators, parents, students and representatives from higher education, business, the standards define a “Thorough and Efficient Education” as guaranteed in 1875 by the New Jersey Constitution. Currently, the standards are designed to prepare our students for college and career readiness by emphasizing high-level skills needed for tomorrow’s world.



**Margaret Mace School**  
— North Wildwood, NJ —

**\*\*Some curriculum is under revision.\*\***

|                              |
|------------------------------|
| <b>Content Area:</b> Science |
| <a href="#">Kindergarten</a> |
| <a href="#">Grade 1</a>      |
| <a href="#">Grade 2</a>      |
| <a href="#">Grade 3</a>      |
| <a href="#">Grade 4</a>      |
| <a href="#">Grade 5</a>      |
| <a href="#">Grade 6</a>      |
| <a href="#">Grade 7</a>      |
| <a href="#">Grade 8</a>      |