New York State Education Standards that are satisfied by the Future City® Competition.

MATHEMATICS, SCIENCE, AND TECHNOLOGY

**Standard 1: Analysis, Inquiry, and Design**
Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.

**Standard 2: Information Systems**
Students will access, generate, process, and transfer information using appropriate technologies.

**Standard 3: Mathematics (Revised 2005)**
Students will understand the concepts of and become proficient with the skills of mathematics; communicate and reason mathematically; become problem solvers by using appropriate tools and strategies; through the integrated study of number sense and operations, algebra, geometry, measurement, and statistics and probability.

**Standard 4: Science**
Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in science.

**Standard 5: Technology**
Students will apply technological knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.

**Standard 6: Interconnectedness: Common Themes**
Students will understand the relationships and common themes that connect mathematics, science, and technology and apply the themes to these and other areas of learning.

**Standard 7: Interdisciplinary Problem Solving**
Students will apply the knowledge and thinking skills of mathematics, science, and technology to address real-life problems and make informed decisions.

CAREER DEVELOPMENT AND OCCUPATIONAL STUDIES

**Standard 1: Career Development**
Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes, and abilities to future career decisions.
SOCIAL STUDIES
Standards 3: Geography
Students will use a variety of intellectual skills to demonstrate their understanding of the geography of the interdependent world in which we live—local, national, and global—including the distribution of people, places, and environments over the Earth’s surface.

ENGLISH LANGUAGE ARTS
Standard 1: Language for Information and Understanding
Students will listen, speak, read, and write for information and understanding. As listeners and readers, students will collect data, facts, and ideas; discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language that follows the accepted conventions of the English language to acquire, interpret, apply, and transmit information.

Standard 3: Language for Critical Analysis and Evaluation
Students will listen, speak, read, and write for critical analysis and evaluation. As listeners and readers, students will analyze experiences, ideas, information, and issues presented by others using a variety of established criteria. As speakers and writers, they will use oral and written language that follows the accepted conventions of the English language to present, from a variety of perspectives, their opinions and judgments on experiences, ideas, information and issues.

Standard 4: Language for Social Interaction
Students will listen, speak, read, and write for social interaction. Students will use oral and written language that follows the accepted conventions of the English language for effective social communication with a wide variety of people. As readers and listeners, they will use the social communications of others to enrich their understanding of people and their views.