

# Summary of the New York State Learning Standards

## *English Language Arts (ELA)*

1. Students will read, write, listen, and speak for information and understanding.
2. Students will read, write, listen, and speak for literary response and expression.
3. Students will read, write, listen, and speak for Critical analysis and evaluation.
4. Students will read, write, listen, and speak for social interaction.

## *Mathematics, Science, and Technology (MST)*

1. Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.
2. Students will access, generate, process, and transfer information using appropriate technologies.
3. Students will understand mathematics and become mathematically confident by communicating and reasoning mathematically, by applying mathematics in real-world settings, and by solving problems through the integrated study of number systems, geometry, algebra, data analysis, probability, and trigonometry.
4. 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.
5. Students will apply technological knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.
6. 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.
7. Students will apply the knowledge and thinking skills of mathematics, science, and technology to address real-life problems and make informed decisions.

## *Social Studies (SS)*

1. **History of the United States and New York**  
Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in the history of the U.S. and New York.
2. **World History**  
Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in world history and examine the broad sweep of history from a variety of perspectives.
3. **Geography**  
Students will use a variety of intellectual skills to demonstrate their understanding of the geography of the independent world in which we live – local, national, and global – including the distribution of people, places, and environments over the Earth’s surface.
4. **Economics**  
Students will use a variety of intellectual skills to demonstrate their understanding of how the United States and other societies develop economic systems and associated institutions to allocate scarce resources, how major decision-making units function in the U.S. and other national economies, and how an economy solves the scarcity problem through market and nonmarket mechanisms.
5. **Civics, Citizenship, and Government**  
Students will use a variety of intellectual skills to demonstrate their understanding of the necessity for establishing governments; the governmental system of the U.S. and other nations; the U.S. Constitution; the basic civic values of American constitutional democracy; and the roles, rights, and responsibilities of citizenship, including avenues of participation.

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## *Career Development and Occupational Studies (CDOS)*

### **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.

### **2. Integrated Learning**

Students will demonstrate how academic knowledge and skills are applied in the workplace and other settings.

### **3. Universal Foundation Skills**

Students will demonstrate mastery of the foundation skills and competencies essential for success in the workplace.

and

### **3b. Career Majors**

Students who choose a career major will acquire the career-specific technical knowledge/skills necessary to progress toward gainful employment, career advancement, and success in postsecondary programs.

## *Languages Other Than English (LOTE)*

1. Students will be able to use a language other than English for communication

2. Students will develop cross-cultural skills and understandings.

## *The Arts*

### **1. Creating, Performing, and Participating in the Arts**

Students will actively engage in the processes that constitute creation and performances in the arts (dance, music, theater, and visual arts) and participate in various roles in the arts.

### **2. Knowing and Using Arts Materials and Resources**

Students will be knowledgeable about and make use of the materials and resources available for participation in the arts in various roles.

### **3. Responding to and Analyzing Works of Art**

Students will respond critically to a variety of works in the arts, connecting the individual work to other works and to other aspects of human endeavor and thought.

### **4. Understanding the Cultural Dimensions and Contributions of the Arts**

Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society.

## *Health, Physical Education, and Home Economics*

### **1. Personal Health and Fitness**

Students will have the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity, and maintain personal health.

### **2. A Safe and Healthy Environment**

Students will acquire the knowledge and ability necessary to create and maintain a safe and healthy environment.

### **3. Resource Management**

Students will understand and be able to manage their personal and community resources.