

CC - Common Core State Standards

{MA.9-12.HSG-CO.4} Develop definitions of rotations, reflections, and translations in terms of angles, circles, perpendicular lines, parallel lines, and line segments.

{MA.9-12.HSG-CO.1} Know precise definitions of angle, circle, perpendicular line, parallel line, and line

segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.

Route 21 Standards:

Learning and Innovation Skills

Creativity & Innovation

Implement Innovations

- Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur

Communication & Collaboration

Communicate Clearly

- Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts
- Listen effectively to decipher meaning, including knowledge, values, attitudes and intentions
- Use communication for a range of purposes (e.g. to inform, instruct, motivate and persuade)
- Utilize multiple media and technologies, and know how to judge their effectiveness a priori as well as assess their impact

Life and Career Skills

Initiative & Self-Direction

Be Self-directed Learners

- Go beyond basic mastery of skills and/or curriculum to explore and expand one's own learning and opportunities to gain expertise

Productivity & Accountability

Manage Projects

- Set and meet goals, even in the face of obstacles and competing pressure
- Prioritize, plan and manage work to achieve the intended result

Information, Media and Technology Skills

ICT (Information, Communications & Technology) Literacy

Apply Technology Effectively

- Use technology as a tool to research, organize, evaluate and communicate information

NETS-S Standards:

1. Creativity and Innovation

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.

- a. Apply existing knowledge to generate new ideas, products, or processes
- b. Create original works as a means of personal or group expression

2. Communication and Collaboration

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

- b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats

4. Critical Thinking, Problem Solving, and Decision Making

Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.

- b. Plan and manage activities to develop a solution or complete a project

6. Technology Operations and Concepts

Students demonstrate a sound understanding of technology concepts, systems, and operations.

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies