

Department: STEM

Course Title: STEM 1st Grade

Grade Level: 1st

Length of Course: Year-Long 4 day rotations

Primary Resources:

Common Sense Media, Carly & Adam, STEELS Hub (PDE)

Skills of Study:

Digital Citizenship (Beginning of School Year)

Innovative Thinking (Daily)

Problem Solving (daily)

The 3'C (Communication, Collaboration and Creativity) (Daily)

Engineering (Daily)

Coding (Block) (Daily)

STEM Careers (Daily)

Computer Literacy (Daily)

Curriculum-Based Assessments:

Rubrics, Student self assessment, project based assessment, teacher observation

Student performance measure (SPM)

Standardized Assessments: n/a

Description of Course: 1st Grade: In this exciting STEM course, 1st grade students will embark on a journey delving into the fascinating worlds of digital citizenship, coding, engineering, collaboration, communication, creativity, designing, presenting, and more. Students will have the opportunity to work on hands-on projects, engage in friendly competitions, and explore the art of building in maker spaces. Throughout the course, students will enhance their problem-solving skills, embrace teamwork through collaboration, develop effective communication skills, nurture their creativity, and learn the foundations of designing and presenting their innovative ideas. Get ready to unleash your inner inventor and explore the endless possibilities that STEM has to offer!