Visual Arts:

Grade 4
VA4.CR.1 Engage in the creative process to generate and visualize ideas by using subject matter and symbols to communicate meaning.
VA4.RE.1 Discuss personal works of art and the artwork of others to enhance visual literacy.
VA4.CN.3 Develop life skills through the study and production of art (e.g. collaboration, creativity, critical thinking, communication).

Grade 5
VA5.CR.1 Engage in the creative process to generate and visualize ideas by using subject matter and symbols to communicate meaning.
VA5.RE.1 Discuss personal works of art and the artwork of others to enhance visual literacy.
VA5.CN.3 Develop life skills through the study and production of art (e.g. collaboration, creativity, critical thinking, communication).

Grade 6
VA6.CR.1 Visualize and generate ideas for creating works of art.
VA6.CR.3 Engage in an array of processes, media, techniques, and/or technology through experimentation, practice, and persistence.
VA6.RE.3 Engage in the process of art criticism to make meaning and increase visual literacy.
VA6.CN.3 Utilize a variety of resources to understand how artistic learning extends beyond the walls of the classroom.

Grade 7
VA7.CR.1 Visualize and generate ideas for creating works of art.
VA7.CR.3 Engage in an array of processes, media, techniques, and/or technology through experimentation, practice, and persistence.
VA7.RE.3 Engage in the process of art criticism to make meaning and increase visual literacy.
VA7.CN.3 Utilize a variety of resources to understand how artistic learning extends beyond the walls of the classroom.

Grade 8
VA8.CR.1 Visualize and generate ideas for creating works of art.
VA8.CR.3 Engage in an array of processes, media, techniques, and/or technology through experimentation, practice, and persistence.
VA8.RE.3 Engage in the process of art criticism to make meaning and increase visual literacy.
VA8.CN.3: Utilize a variety of resources to understand how artistic learning extends beyond the walls of the classroom

**Mathematics:**

**Grade 4**
MGSE4.MD.1 Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec.

**Grade 7**
MGSE7.G.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.

**Grade 8**
MGSE8.G.1 Verify experimentally the congruence properties of rotations, reflections, and translations: lines are taken to lines and line segments to line segments of the same length; angles are taken to angles of the same measure; parallel lines are taken to parallel lines.

**Science:**

**Grade 4**
S4E1. Obtain, evaluate, and communicate information to compare and contrast the physical attributes of stars and planets.
S4E2. Obtain, evaluate, and communicate information to model the effects of the position and motion of the Earth and the moon in relation to the sun as observed from the Earth.

**Grade 6**
S6E1. Obtain, evaluate, and communicate information about current scientific views of the universe and how those views evolved.
S6E2. Obtain, evaluate, and communicate information about the effects of the relative positions of the sun, Earth, and moon.

**Grade 8**
S8P3. Obtain, evaluate, and communicate information about cause and effect relationships between force, mass, and the motion of objects.

**Computer Science:**

**Grades 4-5**
CSS.KC.3-5.2 Curate (analyze and evaluate) a variety of resources and digital tools to construct knowledge and produce creative artifacts.
CSS.IDC.3-5.4 Use a variety of technologies within a design process to identify and solve problems by creating new, useful, or imaginative solutions.
CSS.CC.3-5.6 Select and use the most appropriate platform, tool, style, format and digital media to clearly and creatively express thoughts, messages, goals, or positions.
CSS.GC.3-5.7 Use digital tools to expand personal viewpoints and enrich learning by collaborating effectively both locally and globally
CSS.DA.3-5.9 Understand the relationship between technology, lifelong learning, and the appropriate use of information.
Grades 6-8
CSS.DC.6-8.3 Explore computer science and computing-related careers.
CSS.CC.6-8.42 Improve teamwork and collaboration skills: providing useful feedback, integrating feedback, understanding, and accepting multiple perspectives.
CSS.GC.6-8.48 Consider the needs of a variety of end users regarding accessibility and usability.