

(STEELS) Science, Technology & Engineering, and Environmental Literacy & Sustainability Standards	College and Career Skills	(SEP) Science and Engineering Practices	(TEP) Technology and Engineering Practices	21st Century Skills
3.5.9-12.Z, 3.5.9-12.HH, 3.5.9-12.II, 3.5.9-12.GG, 3.5.9-12.JJ, 3.5.9-12.BB, and 3.5.9-12.EE	Foundations of Multimedia	Obtaining, Evaluating, and Communicating Information	Attention to Ethics	Research Skills and Practices
3.5.9-12.N, 3.5.9-12.LL, 3.5.9-12.R, 3.5.9-12.Y (ETS), 3.5.9-12.OO, and 3.5.9-12.MM	Design Process	Using Mathematics and Computational Thinking	Systems Thinking	Systems Thinking, Initiative, Planning, and Self Direction
3.5.9-12.CC, 3.5.9-12.F, and 3.5.9-12.B	Peer Review and Innovation	Planning and Carrying Out Investigations	Creativity	Creative Thinking, Imagination, and Innovation
3.5.9-12.U, 3.5.9-12.I (ETS), 3.5.9-12.J, 3.5.9-12.S, 3.5.9-12.L, 3.5.9-12.T (ETS), 3.5.9-12.PP, and 3.5.9-12.C	Layout and Design	Asking Questions, and Defining Problems	Asking Questions and Defining Problems	Critical Thinking and Problem Solving
3.5.9-12.DD, 3.5.9-12.E, 3.5.9-12.AA, and 3.5.9-12.O	Applying Knowledge and Technical Skills	Developing & Using Models	Critical Thinking	Information, Media, and Technology Skills
3.5.9-12.Q, 3.5.9-12.V, and 3.5.9-12.P	Applying Design Principles	Developing & Using Models	Making and Doing	Applying Content Knowledge and Skills
3.5.9-12.K (ETS), 3.5.9-12.M, 3.5.9-12.X, and 3.5.9-12.QQ	Experimentation and Development	Constructing Explanations and Designing Solutions	Making and Doing	Productivity, Perseverance, and Self-discipline
3.5.9-12.H, 3.5.9-12.G, 3.5.9-12.KK, 3.5.9-12.W, and 3.5.9-12.D	Testing, Evaluating, and Refining	Engaging in Argument From Evidence	Optimism	Judgments, Decisions, Flexibility, and Adaptability
3.5.9-12.A, 3.5.9-12.NN, and 3.5.9-12.FF	Finalizing and Presenting	Obtaining, Evaluating, and Communicating Information	Communication	Literacy, Communications, and Lifelong Learning
3.5.9-12.N, 3.5.9-12.P, 3.5.9-12.Y (ETS) and 3.5.9-12.X	Multimedia Applications	Constructing Explanations and Designing Solutions	Collaboration	Communicating with Digital Media