SEPs and Career Competencies Comparison

The matrix below includes the Science and Engineering Practices in the first column and the NACE Career Readiness Competencies in the first row. Identify **at least six ways** that doing science and engineering through the practices creates opportunities for students to engage in the sample behaviors of the career competencies. Describe the overlap in the appropriate matrix box. See the example response below.

	Career & Self-Development	Communication	Critical Thinking	Equity & Inclusion	Leadership	Professionalism	Teamwork	Technology
Asking Questions and Defining Problems	***Sample:*** *As students ask questions about phenomena, they have opportunities to display curiosity.*							
Developing and Using Models								
Planning and Carrying Out Investigations								

	Career & Self-Development	Communication	Critical Thinking	Equity & Inclusion	Leadership	Professionalism	Teamwork	Technology
Analyzing and Interpreting Data								
Using Mathematics and Computational Thinking								
Constructing Explanations and Designing Solutions								
Engaging in Argument from Evidence								
Obtaining, Evaluating, and Communicating Information								