STEAM GRADE 3: Year-at-a Glance

Unit	Title	Performance Expectations
1	Interdependent Relationships in Ecosystems/Heredity	**3-5-ETS1-3.** Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. **Asking Questions and Defining Problems** • Ask questions that can be investigated based on patterns such as cause and effect relationships
2	Coding	**3-5-ETS1-2.** Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem. **Using Mathematical and Computational Thinking** • Construct an explanation of observed relationships
3	Forces and Motion	**3-5-ETS1-1.** Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost. **Analyzing and Interpreting Data** • Analyze and interpret data to make sense of phenomena using logical reasoning