

## STEAM GRADE 3: Year-at-a Glance

Unit	Title	Performance Expectations
1	Interdependent Relationships in Ecosystems/Hereditiy	<p><b>3-5-ETS1-3.</b> 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.</p> <p><b>Asking Questions and Defining Problems</b></p> <ul style="list-style-type: none"> <li>• Ask questions that can be investigated based on patterns such as cause and effect relationships</li> </ul>
2	Coding	<p><b>3-5-ETS1-2.</b> 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.</p> <p><b>Using Mathematical and Computational Thinking</b></p> <ul style="list-style-type: none"> <li>• Construct an explanation of observed relationships</li> </ul>
3	Forces and Motion	<p><b>3-5-ETS1-1.</b> Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.</p> <p><b>Analyzing and Interpreting Data</b></p> <ul style="list-style-type: none"> <li>• Analyze and interpret data to make sense of phenomena using logical reasoning</li> </ul>