

STEAM GRADE 5: Year-at-a Glance

Unit	Title	Performance Expectations
1	Earth and Space Systems	<p>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.</p> <p>Developing and Using Models</p> <ul style="list-style-type: none"> • Develop a model to describe phenomena. (5-ESS2-1)
2	Coding	<p>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.</p> <p>Using Mathematical and Computational Thinking</p> <ul style="list-style-type: none"> • Generate and compare multiple solutions to a problem based on how well they meet the criteria and constraints of the design solution
3	Matter and Energy/Organisms and Ecosystems	<p>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.</p> <p>Engaging in Argument from Evidence</p> <ul style="list-style-type: none"> • Support an argument with evidence, data or a model