

# Standards (K-2)

Adventist Education Standards	Next Generation Science Standards
<a href="https://adventisteducation.org/est.html">https://adventisteducation.org/est.html</a>	<a href="https://www.nextgenscience.org/dci-arrangement/k-2-ets1-engineering-design">https://www.nextgenscience.org/dci-arrangement/k-2-ets1-engineering-design</a>
<b>Elementary Science Standards – Engineering, Technology, &amp; Applications (2015)</b>	<b>K-2-ETS1 Engineering Design</b>
<b>Biblical Connection</b>	
<b>Big Idea</b> God designed humans to wonder, question, and develop an attitude of inquiry as scientific principles are applied to the materials and forces of nature for the benefit of His Creation.	
<b>Engineering Design</b>	
<b>S.K-2.ET.1</b> Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. (K-2-ETS1-1)	<b>K-2-ETS1-1</b> Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
<b>S.K-2.ET.2</b> Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object functions to solve a given problem. (K-2-ETS1-2)	<b>K-2-ETS1-2</b> Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
<b>S.K-2.ET.3</b> Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. (K-2-ETS1-3)	<b>K-2-ETS1-3</b> Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.

