

Enduring Understandings	Standards Addressed	Essential Questions	Anchor Lessons	Assessment
Problems can be solved through a design process.	Identify and explain the steps of the engineering process i.e., identify the need or problem, research the problem, develop possible solutions, select the best possible solutions(s), construct a prototype, test and evaluate, communicate the solution(s), and redesign.	<ol style="list-style-type: none"> <li>1. Which design solves the problem?</li> <li>2. How many ways can the problem be solved?</li> </ol>	Solar cars Solar Cookers Pringles Challenge Critter Cars Bird Houses Tin foil boats Hot air balloons	Drawn set of plans Completed prototype
Problems can be solved through a design process.	Demonstrate methods of representing solutions to a design problem, e.g., sketches, orthographic projections, multi-view drawings.	<ol style="list-style-type: none"> <li>1. Do the drawings demonstrate a clear solution to the problem?</li> </ol>	Set of detailed and labeled drawings	