TECHNOLOGY/ENGINEERING GRADE 5 3/10/09

Enduring Understanding	Standards Addressed	Essential Questions	Anchor Lesson	Assessment
Technology and Engineering Problems can be solved through the design process.	Engineering and Design: 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 solution(s), construct a prototype, test and evaluate, communi-cate the solution(s), and redesign.	1. Which design solves the problem? 2. How many ways can the problem be solved?	Toothpick Bridges Designing and constructing a kite Build weather instruments Design and build a game using simple circuits Video - *How Things are Built*	
Problems can be solved through the design process.	2.2 Describe different ways in which a problem can be represented, e.g. sketches, diagrams, graphic organizers and lists.	1. When presented with a scientific question, how do you decide which approach/plan should be used?	Given a variety of objects made of different materials, ask questions and make predictions about their hardness, flexibility, and strength. Test to see if your predictions are correct. Create a chart to record data.	