Problem: Make mobiles to show the difference between “Naturally Made” and “Man-Made” objects.

Name of Author: Jennifer Lawing

Content: First Grade Science/S(TE)M&ELA

Course: N/A

Time Frame: 4-6 days with 20-30 minute class periods

Unit: “The Natural World”

Standards: 1.1.1 (Science)
Integrated Skills: Classifying, Characterizing & Scoping; Measurement; Critical Thinking/Inference

Big Idea: Students will determine the difference between Naturally Made and Man-Made objects to become aware of the need for technology to make life better and to solve problems.
**Essential Question:** What is the difference between “Natural” and “Man-Made” objects? Why do we need “Man-Made” objects?

**Scenario:**
- Introduce and discuss Naturally Made and Man-Made objects.
- Take a walk to discover these objects or items in our environment and discuss.
- Next, present objects for the students to classify into Natural & Man-Made.
- Discuss objects man has created and the problems they solve.
- “Human Made Object”, Hand Activity, after reviewing Natural and Made-Made objects along with introducing the term, Technology.
- “Technology Around Us “ Activity using items in a bag or classroom objects for students to classify while making a classroom chart.
- Demonstrate how to make a simple mobile using Naturally Made and Man-Made items from list. (Students may want to measure items before placing them onto the mobile)
• Provide materials with each group to create a mobile that shows Naturally Made and Man-Made objects.
• Review the term “technology” for students to brainstorm a purpose for the Man-Made Objects
• Share mobiles and tell the difference from naturally made or man-made, technology.
• Wrap-up discussions

**Parameters:** Students will be asked to have four items for each Naturally Made and Man-Made mobile.

**Materials/Supplies:**
• Collection of objects/pictures/drawings from school and home
• Collection of strings, ribbons, pipe cleaners, sticks, paper, glue, tape, scissors, hole punch, etc...
• Hand-out from page 24 of *Models for Introducing Technology/A Standard-Based Guide* by ITEEA

**Assessment:**
Teacher Prepared Rubric

**Resources:**
Natural and Man-Made Objects with parental participation from home and at school