**Name:** Lexi Moore  
**Subject area:** Science  
**Grade level:** Elementary  
**Lesson title:** Simple Machines Hunt

**Brief summary/lesson plan description**

Students will use their knowledge of simple machines to find items at the museum that use or are made of simple machines.

**Prior Knowledge (What do the students need to know before they come to make this lesson meaningful?)**

Some prior knowledge of simple machines is helpful but not necessary. This fieldtrip can be a starting point for your lessons or a culmination of the idea.

**Common Core or State Standards Addressed**

**ENGLISH STANDARDS**

- fourth grade  
  Write informative/explanatory texts to examine a topic and convey ideas and information clearly.  
  Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences  
  Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.

**Lesson objectives (Students will understand...)**

Students will find and draw a picture of three simple machines.

**Essential Questions to guide this unit/lesson and focus teaching and learning:**

What is the machine and how is it being used.

**Technology and Resources Needed**

- Simple machines workbook, Pencil

**Assessment Method**

- Objective worksheet, following directions

**Additional materials:**

- Story Map Worksheet
SCIENCE CENTER VISIT

1. No running
2. No shouting
3. Switch levels as a group

WEDGE
A device that forces things apart.

INCLINED PLANE
Raises object by moving up a slope.

SCREW
A device that can lift or hold things together by moving up a slope.

SIX SIMPLE MACHINES

LEVER
Moves around a pivot point to increase or decrease mechanical advantage.

PULLEY
Changes the direction of a force.

WHEEL AND AXLE
Used to reduce friction.
TIC TAC TOE SIMPLE MACHINES - FLOOR THREE

Find and draw a picture of three simple machines on this level of the museum.

Name the exhibit where you found the simple machine.

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