## Understanding Structures and Mechanisms Smple Machine: Levers

## Specific Expectations

Grade 2 Movement: 1.1 assess the impact on society and the environment of simple machines that allow movement; 2.2 investigate and describe different kinds of movement; 2.3 investigate the structure and function of simple machines; 2.4 use technological problem-solving skills (see page 16), and knowledge and skills acquired from previous investigations, to design, build, and test a mechanism that includes one or more simple machines; 3.1 describe different ways in which objects move (e.g., turning, spinning, swinging, bouncing, vibrating, rolling); 3.2

Knowledge Comprehension Application Analysis Synthesis

## Delivering the Lesson

Portion & Timing	Grouping:		ng:	Introduction:	Materials
Minds On: 5 minutes	W	S		Teacher introduces <b>levers</b> to students - (ppt slides 1-3) Perform demonstration for class by lifting various weights; <u>Gizmos</u> simulation can be used as well - Discuss the <u>Mocomi</u> video	- Lever set to provide example to students - projector technology
Action: 30 minutes	W	S	I	Proceed through "Levers (powerpoint)" - "Levers can be followed along and filled in by students - Answer questions about the simple machine as the lesson proceeds - Stu 80.51 0 0 1 233.47 Tm0 g[TQQ EMC q219.89 364	