

<p>Teacher: Jasmine Bobczynski</p> <p>Grade Level: 2nd</p> <p>Subject: Science</p>	<p>Lesson Title: Lever Lover</p>
<p>Time frame: 45 min</p>	<p>Student Learning Outcomes (Goals): Students will watch and learn the ‘Love a Lever’ Song from Sesame Street as a tool to remember what a lever is and does. They will then label the fulcrums on a diagram of several levers</p>
<p>Objectives</p>	<p>Content and Technology STANDARDS</p>
<p>When finished with this lesson students will be able to describe what a lever is, they will be able to label the different parts of a lever, and explain what it does. Finally they will be able to perform the ‘Love a Lever’ song from Sesame Street.</p>	<p>Physical Sciences Content Standards</p> <p>1. The motion of objects can be observed and measured. As a basis for understanding this concept:</p> <p>d.) Students know tools and machines are used to apply pushes and pulls (forces) to make things move</p> <p>Common Core Reading Standards</p>

3.Key Ideas and Details

Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.

8.Research to Build and Present Knowledge

Recall information from experiences or gather information from provided sources to answer a question.

ISTE Standards

3.Research and information fluency

Students apply digital tools to gather, evaluate, and use information.

Materials: Digital and non-digital

To complete this lesson a computer with internet will be needed as well as a projector and speakers. Handouts of the ‘Love a Lever’ lyrics with an unlabeled diagram of several levers on the back will also be needed.

INTELLIGENCES

Interpersonal
Intrapersonal
Musical
Verbal Linguistic

	Visual Logical
Procedure	
<ol style="list-style-type: none"> 1. This is a lesson in the middle of a two week unit on simple machines. To begin this days lesson students will be shown the ‘Love a Lever’ song from Sesame Street on YouTube https://www.youtube.com/watch?v=SprRX6mSsEg 2. Next students will be split into groups and given handouts with the lyrics to the song. They will work together to memorize a section of the lyrics. (See accompanying pages below) 3. Then they will separate and individually label the different parts of several levers diagramed on the back of their handouts. 4. Finally the whole class will come back together review the diagram and sing along to the video a few times with each group performing their memorized part. 	Visual Musical Verbal Interpersonal Visual Verbal Intrapersonal Visual Logical Interpersonal Visual Musical Verbal

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Lever Labeling Handout Rubric

	Below Expectation	Meets Expectation	Exceeds Expectation	Score/Level	
Memorization	Has memorized 25% or less of the 'Love a Lever' song	Has memorized at least 75% of the 'Love a Lever' song	Has memorized 100% of the 'Love a Lever' song	1-3	
Penmanship	Only 25% legible or less	75% legible or better	100% legible	1-3	
Accuracy	Worksheet answers are only 0 to 25% accurate	Worksheet answers are 75% accurate or better	Worksheet answers are 100% accurate	1-3	



WORD BANK

**Fulcrum
Lever**

CAN YOU LABEL THE LEVER PARTS IN THESE DIAGRAMS?

“LEVER LOVER”

By Belinda Ward

**I love, love, love a lever
It may not seem like much at all
It may sound simple to you
But if you get to know a lever
Surely you would love it too
I love, love, love a lever
Yes I'm a lever lover can't you see
I love, love, love a lever
A lever really works for me
The way it lifts a load
Makes my heart explode
Its pivoting is riveting to me
It carries weight with such ease
It leaves me weak in the knees
I love a lever endlessly
You know I love, love, love a lever
Yes I'm a lever lover thought I'd share
I love, love, love a lever
Yes I find levers everywhere
A seesaws a lever, a hammer is too, a broom is a
lever
To name just a few
A scissors a lever well actually two
And so is a rake believe me its true**

**A shovel's a lever and so is a bat
Your arm is a lever betcha didn't know that
(your elbow is a fulcrum and your arm pivots on
it)
I love, love, love a lever
Yes I'm a lever lover through and through**

**I love, love, love a lever
Levers work for me too
Pulleys are perfect and wedges are fine
A screw will do to but a lever's divine
Yes I love, love, love lever
Love a lever, love a lever
I'm a lever lover through and through
I'm a fool for the tool I am king for the machine
I love, love, love a lever
Love a lever, love a lever
Levers work for me and you
Levers work for me and you
Oh levers work for me and you
LEVERS!**



