1st Grade | Unit 9
## MACHINES AROUND YOU
### SCIENCE 109

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**LIFEPAC Test | Pull-out**

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**Author:**
Phyllis A. MacDonald, M. Ed.

**Editor:**
Mary Ellen Quint, M. A.

**Consulting Editor:**
Harold Wengert, Ed. D.

**Revision Editor:**
Alan Christopherson, M. S.

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MACHINES AROUND YOU

Lift it up.
Push it down.
Turn the wheel
Around and around.
Whatever the work
That you do,
A simple machine
Makes it easy for you.

Objectives

Read these objectives. They will tell what you will be able to do when you have finished this LIFEPAC®.

1. I can tell about some levers.
2. I can tell about some wheels.
3. I can tell about some inclined planes.
Here are some simple machines. Tell what work they help you do.
1. LEVERS

To open a can
Or fill a pail,
To crack a nut
Or pull a nail,

Do you know
What you should use?
A lever is
The one to choose.

A lever is a simple machine.

Can you name some levers you might find in the kitchen or in a toolbox?
Follow the dots to see a lever you can ride.
Some Simple Levers

The rock is too big. A lever can help.

The nail is stuck. A lever can help.

The cover is too tight. A lever can help.
The boy needs to dig a hole. Circle the lever he will use.

This girl wants to open a bottle. Circle the lever she will use.

Father needs to lift his car. Circle the lever he will use.
Levers that Work Together

Some tools are made of levers. The levers work together.

Scissors

Pliers

Nutcracker

Nail Clippers

Can you name some jobs these tools can do?
How Levers Work

A lever needs a force. Filmore is the force.

A lever moves a load. The rock is the load.

A lever needs a fulcrum. The log is the fulcrum.

Can you show the force, the load, and the fulcrum on a teeter-totter or on a pump?
Look at the picture.

Write the words.

<table>
<thead>
<tr>
<th>fisherman</th>
<th>oar</th>
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</table>

The ____________________________ is a lever.
The ____________________________ is the force.
The ____________________________ is the load.
The ____________________________ is the fulcrum.

Before you take the Self Test, study what you have read and done. The Self Test will check what you remember.
SELF TEST 1

Each answer = 1 point

Write the words.

bottle    lever    scissors

________________________

A________________________ is a simple machine.

________________________

A lever can open a________________________.

________________________

A pair of ___________________________ is two levers working together.

Circle the levers that will work to pull the nail.

- Pliers
- Hammer
- See saw
Match the levers with the jobs they do.

Teacher Check

Initial Date

My Score

Section 1 | 13