



# Technology Integration Lesson

## Plainville Community Schools

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**LESSON TITLE:** Simple Machines Poster

**GRADE:** Three

**OBJECTIVE:** Students will use a Pages template to create a simple machines poster.

**CURRICULUM CONNECTION:**

4.1 – The position and motion of objects can be changed by pushing or pulling.

**MATERIALS:** Pages template, simple machines hotlist, computer, printer, SmartBoard if available to demonstrate

*Note: You may want to assign each child a specific simple machine prior to beginning this activity.*

**PROCEDURE:** (Read to students)

Today we're going to use Pages to create a poster for a simple machine.

1. Open your third grade share folder.
2. Find the document that says "simple machines template", and double click on it.
3. First we're going to go to the Internet and get two pictures of your simple machine.
4. Find Safari on your dock.
5. Click on it one time.
6. Go to curriculum.
7. Click on sciences
8. Click on simple machines
9. Go to any one of the links except Brain Pop.
10. Find a picture of your simple machine.
11. Click on your Pages document on your dock.
12. Resize your windows so they are side by side.
13. Click one time on the picture of your simple machine.
14. Hold down your mouse button and drag it on top of the big frame at the top of your Pages document.
15. Go back to the web page.
16. Copy the URL of the web page.
17. Go to your Pages document. Scroll down to the bottom where it says Image credits. Click after the colon and hit the return key.
18. Now paste your web page credit.
19. Find another picture and drag it on top of the little frame on your Pages document.
20. Copy and paste that credit under the first one.
21. Change the font size of the credits to 10. Highlight the text. Click on the font inspector. Change the size to 10.
22. Use the corner handles to resize the images if needed.
23. Highlight the words "Simple Machine Name."
























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24. Change them to the name of your simple machine.
25. Highlight the words, "Tell about your simple machine here." Write some information about your simple machine.
26. Think of five examples of your simple machine. List them where the words, "item here" are.
27. Change the words "your name" to your name.
28. Save your document by clicking on file, choose save as. Navigate to your documents folder. Name the document simple machines. Click save.
29. Now print your document. Click on file. Choose Print. Click the print button.
30. Quit out of Safari and Pages.

**EVALUATION:** Teacher created rubric, or use the sample below.

My big picture is accurate.			
My little picture is accurate.			
My information is correct.			
My examples are correct.			
I credited my image sources.			
I listened and followed directions.			
I tried my best.			

**EXTENSION:**

Students use digital cameras to take pictures of examples of their simple machine found around school. Students insert those pictures into white space of document.



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## EXAMPLE:



## Lever

Simple Machines Help you!

A lever is a simple machine that helps you lift or move things. It is made of a bar or board that is supported underneath a fulcrum. A lever has an arm that pivots (turns) against a fulcrum (point).

Some examples of levers are:

- seesaw
- hammer
- hand can opener
- stapler
- crow bar



Minnie Mouse

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