

Name _____ Teacher _____

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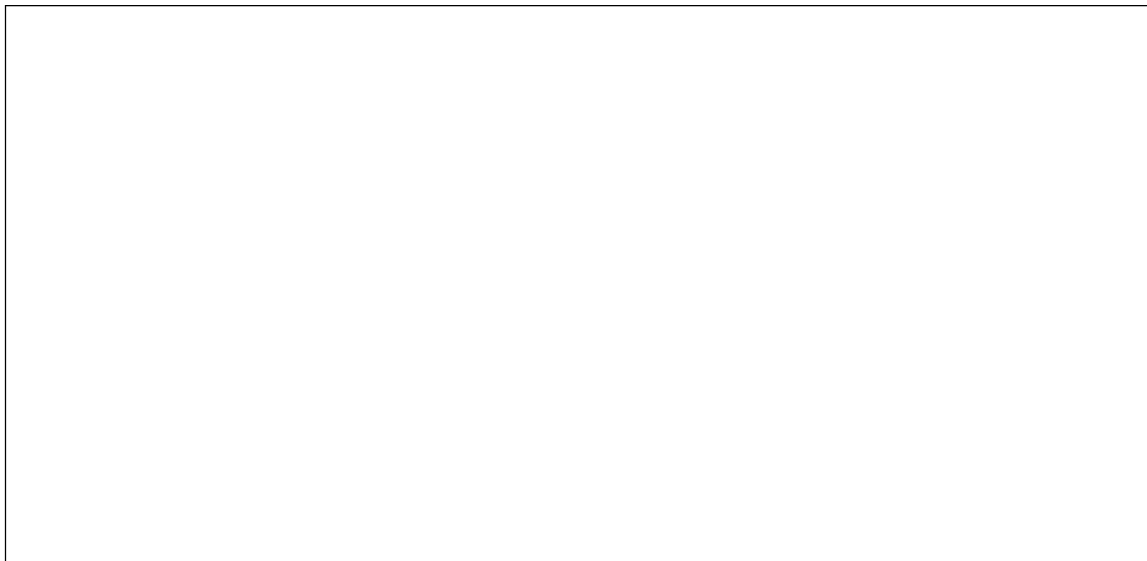
<p>Instructions</p> <ul style="list-style-type: none">▪ Click on thumbnail▪ A window will pop-up.▪ Copy questions to your writing journal or notepaper.▪ View the video and read the article - you may pause video as needed to answer the questions.	<p>SIMPLE MACHINES- Click here to view video</p> <p>http://eb.com/12701</p> <p>Simple Machines - Video aprox 18 minutes</p>
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1. Think about a simple machine you use every day or one you have used in the past? Compare your simple machine to one featured in the video.

**2. How do simple machines help make jobs easier for workers?
Site examples from the video.**



3. Levers are a clever way to get work done. Can you think of a clever way to use a lever?



Answer these questions from the article.

4. The most basic machines are called simple machines. They are the _____, the _____, the _____, the _____ and _____, the _____, and the _____.

In a compound machine, forces and motion are transferred from one part to another.

5. A bicycle is an example of a _____.

6. What part of the bicycle works like the crank of a wheel-and-axle machine.

- **Chain**
- **Wheels**
- **Pedal**
- **Axle**

Answer_____

7. Force and motion is mentioned in the article, the video explains how pivot, load, and effort are related. How is force and motion related to “pivot, load, and effort”? Use video and text based evidence in your answer.