

# Take Apart

What makes me go?!?



## *Step 1: Previewing the Product*

What parts of the toy can you see?

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What does the toy do – write about all of the movements you see?

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How does it accomplish all of these movements?

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Draw a model of the inside of the mechanical toy to explain how it works...remember all of different movements must be explained in your drawing.

***Take Apart Time!!!!***

Let's see the insides of your mechanical toy. Take it apart! As you are dismantling it, pay close attention to how your toy was performing all of its motions.

Use the correct tools to carefully take the toy apart. Find the important parts that make this invention work and record them in the inventory below.

**How many...?**

Screws: \_\_\_\_ Nails: \_\_\_\_ Wires: \_\_\_\_ Bolts: \_\_\_\_ Springs: \_\_\_\_ Nuts: \_\_\_\_ Wheels: \_\_\_\_  
Gears: \_\_\_\_ Other: \_\_\_\_

Draw a new model – how did your toy work? Label key pieces in your drawing.

Explain how you think this invention works.

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***Reflection:***

By looking inside this invention, I found out:

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How close was your original model to your revised model?

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