Take Apart
What makes me go?!?

*Step 1: Previewing the Product*

What parts of the toy can you see?
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

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

How does it accomplish all of these movements?
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

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…?
Gears: ____ Other: ____

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

Explain how you think this invention works.
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

Reflection:
By looking inside this invention, I found out:
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
How close was your original model to your revised model?