**![C:\Documents and Settings\checkout\Local Settings\Temporary Internet Files\Content.IE5\47XLKSTQ\j0386503[1].jpg]()Engineering in Reverse! Activity –
Engineering in Reverse Worksheet**

In the box below, complete a *detailed* drawing of the internal components (i.e,
the inside mechanisms) in the push-toy before it has been disassembled.
Your drawing should include:

* Label for all parts
* Brief description of each part’s function(s)

**BEFORE Disassembly**

In the box below, complete a *detailed* drawing of the internal components of the push-toy after it has been disassembled. Your drawing should include:

* Label for all parts
* Brief description of each part’s function(s)

**AFTER Disassembly**

After you have completed your drawing, answer the following questions.

1. What does this device do? What parts make it work this way?

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1. How would you improve the way this device is made?

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1. How could you change this device to make it more cost effective to produce?

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1. Can you redesign this device to make it function differently? How would you do this?

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