

## Ergonomic Re-design Activity

Record responses to the following steps of the Engineering Design Process.

<b>Ask!</b>	What is the problem with the item you are trying to improve?
<b>Brainstorm!</b>	1) How can you improve this item?
	2) How can you make it more ergonomic?
	3) Why is this important?
<b>Design!</b>	Create your design for your item on paper or digitally. Be sure to label materials you will need and areas that make your item more ergonomic.

## Ergonomic Re-design Activity

<b>Build!</b> (optional)	Using materials of your choice, build a model of your item.
<b>Test!</b> (optional)	Test your item (or have someone else test it). Record observations as it is being tested.
<b>Improve/ Rebuild!</b> (optional)	Assess and record areas of your design that require improvements. Make changes to your model to make it better.
<b>Ask!</b>	1) How can you make your item more ergonomic?

## Ergonomic Re-design Activity

<b>Ask!</b>	2) Does your design make the item more comfortable?
	3) Does your ergonomic item increase efficiency?
	4) Does your ergonomic item decrease the risk of injury?
	5) Has the ergonomic tool maintained its original function?
	6) What were the main factors to consider when designing your ergonomic tool?