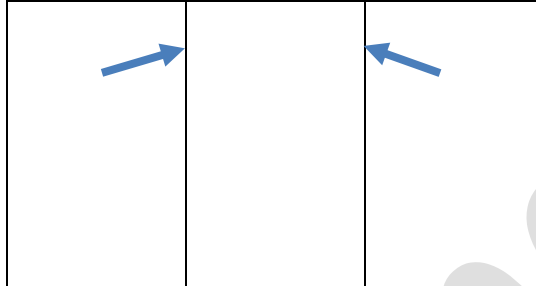


Learning Target: I can construct an argument to support a claim about the type of energy transformations within a system

Energy Transformations Foldable

1. Turn your paper the long way (hotdog style). Fold your paper on the two vertical lines going up and down. It should now look like this:



2. Now close the foldable and label with the words you see on the foldable below. It should look like this now... (see picture below).

<u>Chemical</u>	<u>Mechanical</u>
<u>Electrical</u>	<u>Light</u>
<u>Sound</u>	<u>Thermal</u>
<u>Nuclear</u>	<u>Electromagnetic</u>



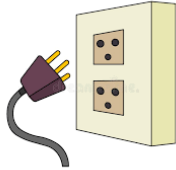
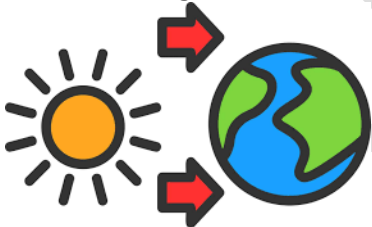



3. Use scissors to cut each flap. You should have 8 flaps now.

4. Open each flap and put the definition of each of the words on the back of the flap.

5. Provide an example of each type of energy transformation in the middle of your foldable.

	chemical to electrical to mechanical energy	
	chemical to mechanical to thermal energy	
	mechanical to electrical to light energy	
	light to electrical energy	

6. Now your teacher will provide you with a picture of each energy transfer that you will draw below each word on the front of your foldable.

<p><u>Chemical</u></p> 	<p><u>Mechanical</u></p> 
<p><u>Electrical</u></p> 	<p><u>Light</u></p> 
<p><u>Sound</u></p> 	<p><u>Thermal</u></p> 
<p><u>Nuclear</u></p> 	<p><u>Electromagnetic</u></p> 