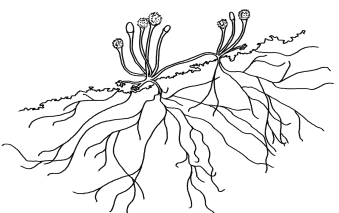
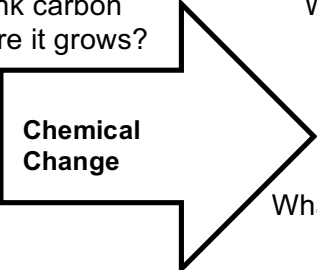
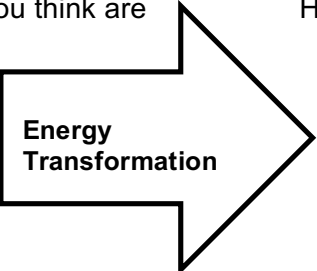


### 3.1 Predictions Tool: What do you predict you will observe when bread mold grows?

	Macroscopic scale: <i>Make predictions about what you will observe.</i>	Atomic-molecular scale: <i>Explain your predictions using the Three Questions.</i>			
<b>The Matter Movement Question</b>	<p><b>Predictions about mass</b> How will the movement of matter change the mass of:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; height: 100px; vertical-align: top;">the bread?</td> <td style="width: 33%; height: 100px; vertical-align: top;">the mold?</td> <td style="width: 33%; height: 100px; vertical-align: top;">everything in the container?</td> </tr> </table>	the bread?	the mold?	everything in the container?	<p>Where will the matter in the bread move to after a day? <i>Draw labeled arrows to show how molecules with carbon atoms might be moving into and out of the mold (the picture below shows what bread mold looks like under a microscope).</i></p> 
the bread?	the mold?	everything in the container?			
<b>The Matter Change Question</b>	<p><b>Predictions about changes in BTB</b> How will matter changes in this system affect CO<sub>2</sub> in the air and the color of the BTB?</p>	<p>What molecules do you think carbon atoms are in the mold before it grows?</p> <div style="text-align: center;">  </div> <p>What molecules do you think carbon atoms are in after the mold grows?</p> <p>What other molecules will be involved?</p>			
<b>The Energy Change Question</b>	<p><b>Predictions about energy</b> What evidence of energy change will you be able to observe?</p>	<p>What forms of energy do you think are in the bread?</p> <div style="text-align: center;">  </div> <p>How does that energy change as the bread mold grows?</p>			