



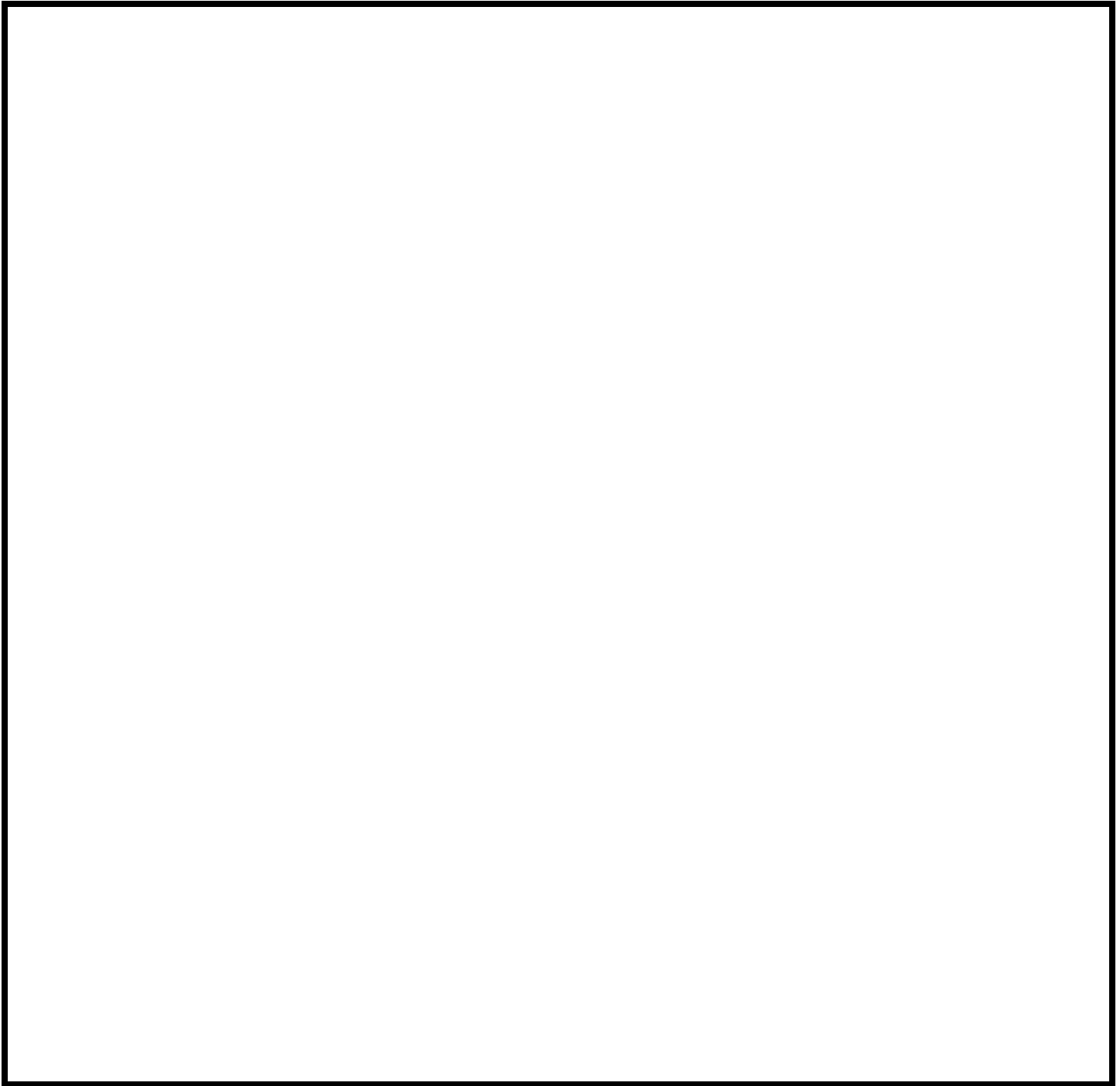
## Intent to Invent

File this form with your teacher to share that you have identified a problem and a solution to that problem.

<b>Student Inventor:</b>	<b>Grade:</b>
<b>Teacher:</b>	<b>Date:</b>
<b>I intend to invent:</b>	
<b>The problem it will solve is:</b>	
<b>I have determined to the best of my ability that my invention will be original by taking these steps:</b>	
<b>I will use the following materials in my invention:</b>	

Draw a diagram of your proposed invention. Explain how it will work.

All inventors make drawings of their inventions to show how they will work. Draw some quick sketches of your idea in your **YIP Inventor Journal** and pick what you think will look and work the best. All diagrams should be labeled, dated, and briefly explained.

A large, empty rectangular box with a thick black border, intended for drawing and explaining an invention. The box is currently blank.

*Draw all parts of your invention in your **YIP Inventor Journal** and label them clearly, neatly and correctly so that others will be able to understand how your invention works and looks.*