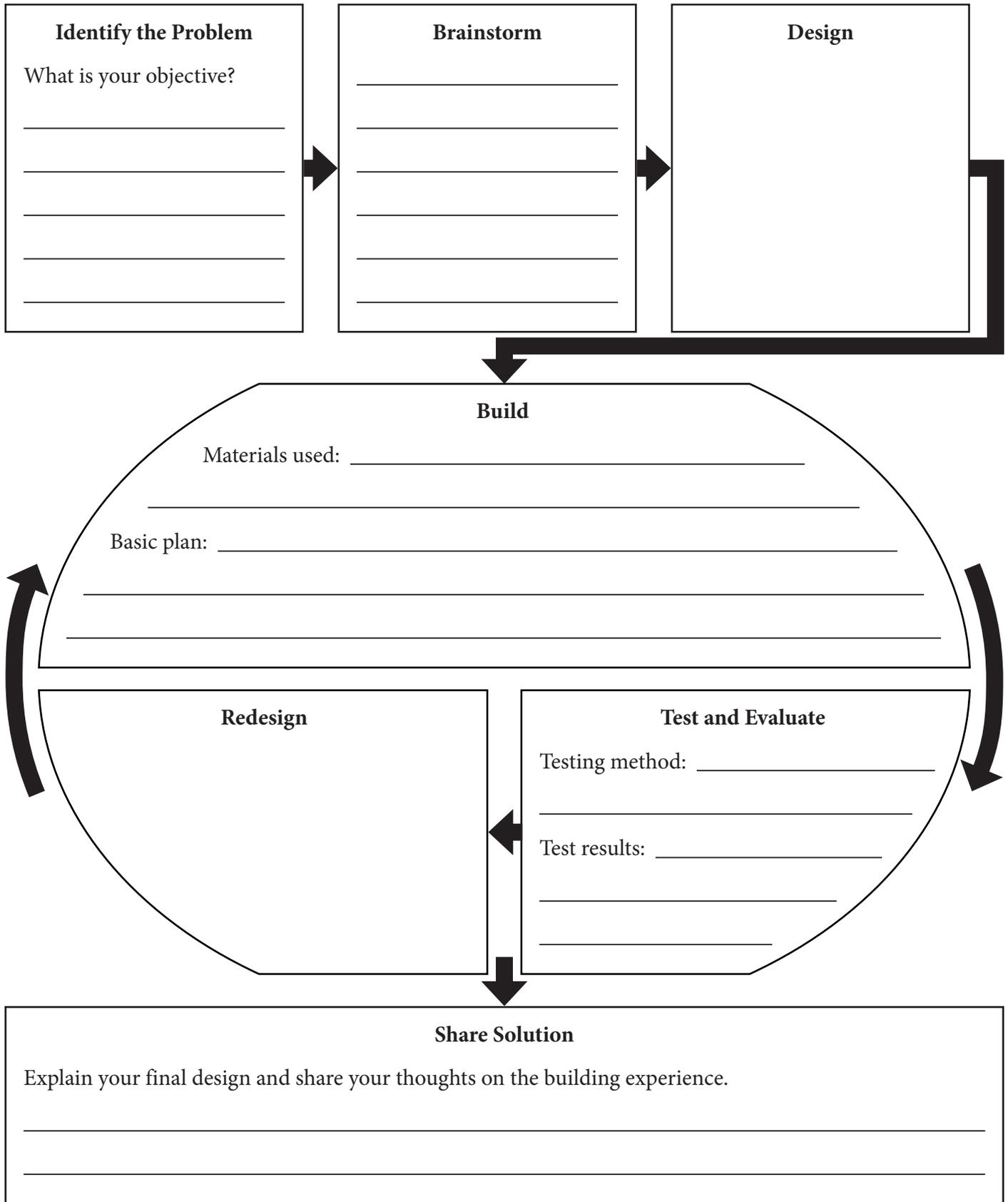


Name: _____

Engineering Design Process



Name: _____

Dream Build

You just designed and built a device using fairly common items that were probably found lying around your house and classroom. What if you had unlimited access to any material you needed? Use the knowledge and experience you gained from your first build to design (draw and label) your *dream build* using any materials you want. Use your imagination and think big, but remember that your device should still function properly.



Name: _____

STEM Activity Reflection

Read the definitions for each letter of STEM below. After completing your activity, reflect on why it is considered STEM related. Write examples from your activity for each of the STEM components.

<i>Science</i>	
Definition	Example
Using knowledge to observe, study, and experiment in order to learn how the world works	
<i>Technology</i>	
Definition	Example
Using knowledge to invent new devices or tools that solve problems	
<i>Engineering</i>	
Definition	Example
Using knowledge to design and build machines, systems, or structures	
<i>Mathematics</i>	
Definition	Example
Using knowledge to study and explain numbers, quantities, measurements, and the relationships between them	