

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**BLM C-1**

# Build a Model Rubric

Category	50–59% Level 1	60–69% Level 2	70–79% Level 3	80–100% Level 4
<b>Knowledge and Understanding</b> (BSA1.01, 1.02, 1.03, 2.04, 2.05; SIL2.06)				
	<b>Shows limited knowledge and understanding</b>	<b>Shows some knowledge and understanding</b>	<b>Shows a lot of knowledge and understanding</b>	<b>Shows a high degree of knowledge and understanding</b>
• chooses system and follows design criteria to plan and build model	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• sketches plan and labels parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• represents system organs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• represents function of system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• explains how model represents system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Thinking</b> (BSA1.01, 1.02, 1.03, 2.04, 2.05)				
	<b>With limited effectiveness</b>	<b>With some effectiveness</b>	<b>With considerable effectiveness</b>	<b>With a high degree of effectiveness</b>
• develops plan for representing system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• evaluates original plan and makes improvements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• decides how to present to class; prepares and makes presentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Communication</b> (BSA1.01, 1.02, 1.03, 2.04, 2.05; SIL2.06)				
	<b>With limited effectiveness</b>	<b>With some effectiveness</b>	<b>With considerable effectiveness</b>	<b>With a high degree of effectiveness</b>
• develops sketch of plan; labels all parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• presents model to class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• uses appropriate vocabulary and terminology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Application</b> (BSA3.01; SIL2.06)				
	<b>With limited effectiveness</b>	<b>With some effectiveness</b>	<b>With considerable effectiveness</b>	<b>With a high degree of effectiveness</b>
• uses tools, equipment, and materials correctly and safely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>