

Build a Model Rubric

Category	50–59% Level 1	60–69% Level 2	70–79% Level 3	80–100% Level 4
Knowledge and Understanding (BSA1.01, 1.02, 1.03, 2.04, 2.05; SIL2.06)				
	Shows limited knowledge and understanding	Shows some knowledge and understanding	Shows a lot of knowledge and understanding	Shows a high degree of knowledge and understanding
<ul style="list-style-type: none"> chooses system and follows design criteria to plan and build model sketches plan and labels parts represents system organs represents function of system explains how model represents system 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/>
Thinking (BSA1.01, 1.02, 1.03, 2.04, 2.05)				
	With limited effectiveness	With some effectiveness	With considerable effectiveness	With a high degree of effectiveness
<ul style="list-style-type: none"> develops plan for representing system evaluates original plan and makes improvements decides how to present to class; prepares and makes presentation 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/>
Communication (BSA1.01, 1.02, 1.03, 2.04, 2.05; SIL2.06)				
	With limited effectiveness	With some effectiveness	With considerable effectiveness	With a high degree of effectiveness
<ul style="list-style-type: none"> develops sketch of plan; labels all parts presents model to class uses appropriate vocabulary and terminology 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/>
Application (BSA3.01; SIL2.06)				
	With limited effectiveness	With some effectiveness	With considerable effectiveness	With a high degree of effectiveness
<ul style="list-style-type: none"> uses tools, equipment, and materials correctly and safely 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>