

PUMPING THROUGH THE VESSELS			
Pre-Activity	Exceeds Expectations	Approaches Expectations	Below Expectations
<i>Understanding of Circulation</i>	<p>Student is able to clearly brain-storm the major components of the cardiovascular system.</p> <p>Student is able to articulate various substances that are delivered to/removed from body tissues via the cardiovascular pathway.</p>	<p>Student is able to brain-storm some of the components of the cardiovascular system.</p> <p>Student is able to articulate one or two substances that are delivered to/removed from body tissues via the cardiovascular pathway.</p>	<p>Student cannot provide examples of the components of the cardiovascular system.</p> <p>Student cannot articulate substances that are delivered to/removed from body tissues via the cardiovascular pathway.</p>
<i>Participation in Discussion</i>	<p>Student shares ideas, references, real-world examples of cardiovascular importance and is respectful to the ideas of other students.</p>	<p>Student participates in discussion, but does not make accurate connections to the importance of the cardiovascular system. Student is respectful to the ideas of other students.</p>	<p>Student does not participate and is disrespectful.</p>
Activity	Exceeds Expectations	Approaches Expectations	Below Expectations
<i>Model Presentation</i>	<p>Student is an active and knowledgeable participant in the creation of the cardiovascular model.</p>	<p>Student is an active participant in the creation of the cardiovascular model, but does not understand the basis for the model.</p>	<p>Student is neither active, nor knowledgeable in the basis for the cardiovascular model.</p>
<i>Normal Model Implementation</i>	<p>Student is an active and knowledgeable participant in the implementation of the cardiovascular model.</p>	<p>Student is an active participant in the implementation of the cardiovascular model, but does not understand the basis for the implementation.</p>	<p>Student is neither active, nor knowledgeable in the implementation of the cardiovascular model.</p>

Post-Activity	Exceeds Expectations	Approaches Expectations	Below Expectations
<i>Reflection on Normal Design</i>	Student can clearly explain the organization of the cardiovascular model, using accurate anatomy and physiology.	Student can identify some aspects of the cardiovascular model, using anatomy and physiology.	Student cannot explain the organization of the cardiovascular model.
<i>Reflection on Altered Design</i>	Student can articulate multiple factors that may affect circulation and gas exchange throughout the body and relate them to the activity.	Student can articulate one or two factors that may affect circulation and gas exchange throughout the body and relate them to the activity.	Student cannot articulate factors that may affect circulation and gas exchange throughout the body nor relate them to the activity.