

K-3 Grade Science SBRC Rubrics

1-Does Not Meet Standards

2-Approaching Standards

3-Meets Standards

E-Exceeds Standards

1) Demonstrates understanding of unit concepts				
Trimester	1	2	3	E
ALL	<p>Student is unable or rarely able to demonstrate understanding of key concepts.</p> <p>Student is unable or rarely able to communicate using acquired vocabulary associated with ecosystems.</p>	<p>Student is beginning to demonstrate understanding of key concepts.</p> <p>Student is beginning to communicate or sometimes communicates using acquired vocabulary associated with the units taught.</p>	<p>Student demonstrates understanding of key concepts by using them effectively to solve problems throughout the units taught.</p> <p>Student communicates using acquired vocabulary associated with the units taught.</p>	<p>Student independently meets standards and extends understanding through application to real-life situations.</p>
<i>Assessment: Locally developed science assessments, project based assessments (e.g., Frog Life-cycle model).</i>				

2) Plans and Carries out investigations using models				
Trimester	1	2	3	E
ALL	<p>Student is unable or rarely able to plan and carry out investigations.</p>	<p>Student is beginning to plan and carry out investigations.</p>	<p>Student consistently plans and carries out investigations.</p>	<p>Not applicable.</p>
<i>Assessment: Classroom experiments and investigations.</i>				

3) Expresses scientific ideas effectively using writing, discussion, and/or drawings.				
Trimester	1	2	3	E
ALL	<p>Student is unable or rarely able to express scientific ideas effectively using writing, discussion, and/or drawing.</p>	<p>Student is beginning to express scientific ideas effectively using writing, discussion, and/or drawing.</p>	<p>Student consistently expresses scientific ideas effectively using writing, discussion, and/or drawing.</p>	<p>Not applicable.</p>
<i>Assessment: Classroom experiments, investigations, and journals.</i>				