

Assessment Rubrics for Take a Mealworm to Lunch

Student Names: _____

Initiation Stage Rubric Day 1	
3	The group identifies and writes down questions that are explicit and insightful about their observations.
2	The group identifies and writes down questions that adequately address their observations.
1	The group identifies and writes down questions that are minimally related to their observations.
0	The group does not identify and write down questions that have a relationship to their observations OR makes no effort to observe.

Exploration Stage Rubric Day 2	
3	The experimental set of procedures is detailed and clearly written in a logical manner to ensure credibility and reach a conclusion.
2	The experimental set of procedures is adequate to ensure credibility or reach a conclusion.
1	The experimental set of procedures is minimal and doesn't ensure credibility and enable a conclusion to be reached.
0	The group does not list an experimental set of procedures.

Experimentation Rubric Day 3	
3	The group completes their experiment, including written discussions that are detailed and accurate, strongly supporting the conclusion.
2	The group completes their experiment, including written discussions that are accurate, supporting the conclusion.
1	The group completes their experiment, including written discussions that are incomplete or inaccurate, partially or not at all supporting the conclusion.
0	The group does not complete their experiment OR does not keep accurate records of discussions and reaches no conclusion.

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Reporting Stage Rubric Day 4	
3	The group presents a conclusion that is strongly supported by their investigation, including a substantial number of insightful questions identified by the participants from the investigation. Evidence of a systematic, scientific process of inquiry is very evident.
2	The group presents a conclusion that is adequately supported by their investigation, including some questions identified by the participants from the investigation. Evidence of a systematic, scientific process of inquiry is somewhat evident.
1	The group identifies a conclusion minimally supported by the findings, including very few new questions identified by the participants from the investigation. Evidence of a systematic, scientific process of inquiry is minimally evident.
0	The group does not present a conclusion that is supported by the investigation and/or doesn't include any questions identified by the participants. Evidence of a systematic, scientific process of inquiry is not at all evident.

Suggested Formative Assessment Scale:

12-10 = Outstanding Work!

9 - 6 = Acceptable Work

5 - 0 = We need to talk right away!