

## The Incredible Shrinking/Growing Bear- Lab Report Assessment Rubric

Criteria	Level 1	Level 2	Level 3	Level 4
<b>Initiating</b> Purpose Question Hypothesis	Shows limited understanding of the purpose of the task	Shows some understanding of the purpose of the task	Shows considerable understanding of the purpose of the task	Shows a thorough understanding of the purpose of the task
	Some difficulty generating a hypothesis or prediction	Generates a questionable hypothesis or prediction	Generates a valid hypothesis or prediction	Generates an insightful hypothesis or prediction
<b>Planning</b> Materials, Design and Procedure	Does not identify materials	Some materials are not identified	Most materials are identified	All materials are identified
	Writes an unclear procedure which does not explain what was done in the experiment	Writes a clear procedure which explains some of what was done in the experiment	Writes a clear and concise procedure which explains most of what was done in the experiment	Writes a clear and concise procedure which explains all of what was done in the experiment
<b>Recording</b>	Makes few observations	Makes many observations but they are unable to generate data	Makes sufficient observations to generate data	Makes thorough observations
	With limited effectiveness: <ul style="list-style-type: none"> <li>• collects and organizes data</li> <li>• displays data in charts, tables, and graphs</li> </ul>	With some effectiveness: <ul style="list-style-type: none"> <li>• collects and organizes data</li> <li>• displays data in charts, tables, and graphs</li> </ul>	With considerable effectiveness: <ul style="list-style-type: none"> <li>• collects and organizes data</li> <li>• displays data in charts, tables, and graphs</li> </ul>	With a high degree of effectiveness: <ul style="list-style-type: none"> <li>• collects and organizes data</li> <li>• displays data in charts, tables, and graphs</li> </ul>

<b>Criteria</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>Analyzing and Concluding</b>	Provides limited analysis of the data	Provides some analysis of the data	Provides considerable analysis of the data	Provides thorough analysis of the data
	Demonstrates limited ability to draw conclusions based on the data and makes connections to real life situations involving diffusion	Demonstrates some ability to draws conclusions based on the data and makes connections to real life situations involving diffusion	Draws valid conclusions based on the data and makes connections to real life situations involving diffusion	Draws insightful conclusions based on the data and makes connections to real life situations involving diffusion
<b>Communication</b>	Presentation and discussion are unclear and imprecise	Presentation and discussion are partially clear and precise	Presentation and discussion are generally clear and precise	Presentation and discussion are clear, precise, and confident

Teacher Comments: