

Lab - DNA Extraction

	Exceeding Expectations	Meeting Expectations	Approaching Expectations
<u>Purpose</u> /2	<ul style="list-style-type: none"> The purpose is precisely stated. 	<ul style="list-style-type: none"> The purpose is clearly stated. 	<ul style="list-style-type: none"> The purpose is stated in an unclear manner.
<u>Hypothesis</u> /2	<ul style="list-style-type: none"> The hypothesis uses scientific terms to clearly communicate a prediction. 	<ul style="list-style-type: none"> The prediction made in the hypothesis is clear. 	<ul style="list-style-type: none"> The prediction is unclear.
<u>Materials</u> /2	<ul style="list-style-type: none"> All materials are listed using proper names and no unnecessary materials are included. 	<ul style="list-style-type: none"> All materials are listed, with 1 or 2 improper names. 	<ul style="list-style-type: none"> Not all materials are listed.
<u>Procedure</u> /4	<ul style="list-style-type: none"> Procedure is designed to obtain accurate and reliable results, and is detailed enough to be replicated with no unnecessary steps. 	<ul style="list-style-type: none"> Procedure is designed to obtain accurate results with some minor details missing. 	<ul style="list-style-type: none"> Procedure is missing key details that prevent it from addressing the purpose.
<u>Observations</u> /4	<ul style="list-style-type: none"> Observations contain all details needed to understand the data and accurately reflect what occurred. 	<ul style="list-style-type: none"> Observations are organized and accurately reflect what occurred. 	<ul style="list-style-type: none"> Observations are missing details needed to understand the data.
<u>Conclusion</u> /6 1. Restate purpose 2. Restate hypothesis 3. State whether hypothesis is correct or not 4. Summarize results 5. State what results prove	<ul style="list-style-type: none"> All necessary components are communicated clearly. 	<ul style="list-style-type: none"> All necessary components are included. 	<ul style="list-style-type: none"> Necessary components are absent or incorrect.