

## Science Overview K-5 Focus in Notebook

Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade								
<p>The focus for Kindergarten will be:</p> <p><b><u>Interpretation of Data: Claims and Evidence</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to interpret their data using a claims and evidence T chart independently.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Claims</td> <td style="width: 50%; text-align: center;">Evidence</td> </tr> <tr> <td style="height: 150px;"></td> <td style="height: 150px;"></td> </tr> </table>	Claims	Evidence			<p>The focus for First Grade will be:</p> <p><b><u>Data collection and Interpretation of Data: Claims and Evidence</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to record data and interpret their data using a claims and evidence T chart independently.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Claims</td> <td style="width: 50%; text-align: center;">Evidence</td> </tr> <tr> <td style="height: 150px;"></td> <td style="height: 150px;"></td> </tr> </table>	Claims	Evidence			<p>The focus for Second Grade will be:</p> <p><b><u>Data collection and Interpretation of Data: Claims and Evidence</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to collect and record data, illustrate the data (using a variety of displays, charts, tables, etc), and interpret their data using a claims and evidence T chart independently.</p>	<p>The focus for Third Grade will be:</p> <p><b><u>Prediction/Hypothesis, Interpretation of Data: Claims and Evidence, and Conclusion</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to make a hypothesis using prior knowledge and experiences to predict what might in the investigation.</p> <p>By the end of the year students should be able to collect and record data, illustrate the data (using a variety of displays, charts, tables, etc), and interpret their data using a claims and evidence T chart independently.</p> <p>Students should be able to write a concluding statement after analyzing the data that had been collected recorded and organized.</p>	<p>The focus for Fourth Grade will be:</p> <p><b><u>Prediction/Hypothesis, Interpretation of Data: Claims and Evidence, and Conclusion</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to make a hypothesis using prior knowledge and experiences to predict what might in the investigation.</p> <p>Students should be able to collect and record data, illustrate the data (using a variety of displays, charts, tables, etc), and interpret their data using a claims and evidence T chart independently.</p> <p>Students should be able to write a concluding statement after analyzing the data that had been collected recorded and organized.</p>	<p>The focus for Fifth Grade will be:</p> <p><b><u>All components of Scientist Notebook</u></b></p> <p><b><u>Student Expectation</u></b></p> <p>By the end of the year students should be able to complete the entire investigation template independently.</p>
Claims	Evidence												
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Science Notebook Checklist: To be placed inside the front cover of all students notebooks for reference.

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<b>Kindergarten</b>	<b>First grade:</b>	<b>Second grade through Eighth grade:</b>
<p>Format:</p> <p>Table of contents: To be posted in room.</p> <ul style="list-style-type: none"> <li>• Title of each investigation</li> <li>• Page number where the investigation is found in the notebook.</li> </ul> <p>Numbered pages: optional</p> <p>Glossary in back of Science notebook/ and or within each investigation.</p> <p>Checklist for each investigation: To be posted in room.</p> <ul style="list-style-type: none"> <li>• Do I have a focus question, purpose or problem in regards to the investigation?</li> <li>• Do I have a prediction/hypothesis?</li> <li>• Did I collect my data?</li> <li>• Did I write my claims down and support them with evidence?</li> <li>• Did I write a conclusion regarding the investigation?</li> <li>• Did I write further thoughts or questions related to the investigation? "I wonder..."</li> <li>• Did I write the vocabulary words from the investigation?</li> </ul> <p style="text-align: center;">Please see K -1 template</p>	<p>Format:</p> <p>Table of contents: To be posted in room.</p> <ul style="list-style-type: none"> <li>• Title of each investigation</li> <li>• Page number where the investigation is found in the notebook.</li> </ul> <p>Numbered pages: optional</p> <p>Glossary in back of Science notebook</p> <p>Checklist for each investigation: To be posted in room.</p> <ul style="list-style-type: none"> <li>• Do I have a focus question, purpose or problem in regards to the investigation?</li> <li>• Do I have a prediction/hypothesis?</li> <li>• Did I collect my data?</li> <li>• Did I write my claims down and support them with evidence?</li> <li>• Did I write a conclusion regarding the investigation?</li> <li>• Did I write further thoughts or questions related to the investigation? "I wonder..."</li> <li>• Did I write the vocabulary words from the investigation?</li> </ul> <p style="text-align: center;">Please see K -1 template</p>	<p>Format:</p> <p>Table of contents:</p> <ul style="list-style-type: none"> <li>• Title of each investigation</li> <li>• Page number where the investigation is found in the notebook.</li> </ul> <p>Numbered pages:</p> <p>Glossary in back of Science notebook</p> <p>Checklist for each investigation</p> <ul style="list-style-type: none"> <li>• Did I write a focus question, purpose of problem in regards to the investigation?</li> <li>• Did I write a prediction/hypothesis?</li> <li>• Did I list the materials needed for the investigation?</li> <li>• Did I write the procedures in order?</li> <li>• Did I organize and record my data using bullets, tables, charts, drawings, graphs, etc?</li> <li>• Did I write my claims down and support them with evidence?</li> <li>• Did I write a conclusion regarding the investigation?</li> <li>• Did I write further thoughts or questions related to the investigation? "I wonder..."</li> <li>• Did I write the vocabulary words from the investigation?</li> </ul> <p style="text-align: center;">Please see 2-5 templates</p>

Note:

The glossary at the back of the book is a list of the vocabulary words and definitions from each investigation.

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