

CURRICULUM MAP

Course Title: 6-8 grade Science (Reading)

UNIT/ORGANIZING PRINCIPLE: Reading for literacy in science

PACING: Year round

UNIT NUMBER: incorporated in all units

ESSENTIAL QUESTIONS:				
CONCEPTS/ CONTENT (outcomes)	LEARNING TARGETS/SKILLS (Performance Tasks)	BENCHMARKS	KEY TERMINOLOGY	ACTIVITIES/ RESOURCES
Cite specific textual evidence to support analysis of science and technical texts.	I can cite specific textual evidence to support analysis of science and technical subjects.	Self Rubrics Teacher Rubrics Verbal presentation or debate	Pro Con Famous scientists Various career titles	DHMO project (6 th) Famous Scientist (7 th) Careers in science (8 th)

<p>Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.</p>	<p>-I can determine the central ideas of a text.</p> <p>-I can determine the conclusions of a text.</p> <p>-I can provide an accurate summary of a text without opinion.</p>	<p>Teacher questioning</p> <p>Verbal discussion</p> <p>Various Worksheets</p> <p>Quizzes</p> <p>Tests</p>	<p>Various vocabulary from readings</p> <p>Central idea</p> <p>Conclusion</p> <p>Summary</p> <p>Opinion</p> <p>Fact</p>	<p>Daily Readings</p> <p>Quizzes</p> <p>Test</p> <p>Textbooks</p> <p>Teacher resources</p>
<p>Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.</p>	<p>- I can follow multistep procedures when carrying out experiments.</p> <p>-I can follow multistep procedures when taking measurements.</p> <p>-I can follow multistep procedures when performing technical tasks.</p>	<p>Rubrics</p> <p>Tests</p> <p>Labs</p>	<p>Procedure</p> <p>Various measurement terms/labels</p>	<p>Labs:</p> <ul style="list-style-type: none"> - Procedurals - Measurements - Technical tasks

<p>Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.</p>	<p>-I can determine the meaning of symbols, key terms and domain-specific words and phrases in 6-8 scientific or technical text.</p>	<p>Tests</p> <p>Quizzes</p> <p>Homework</p> <p>Vocabulary Friday's</p>	<p>Key terms of the units and chapters</p>	<p>Daily readings</p> <p>Daily work</p> <p>Test</p> <p>Quizzes</p> <p>Homework</p> <p>Teacher resource books</p>
<p>Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.</p>	<p>-I can analyze the structure an author uses to organize a text.</p> <p>-I can analyze how the major sections of a text contribute to the understanding.</p>	<p>Outlines</p> <p>Rubrics</p>	<p>Analyze</p>	<p>Outlines</p> <p>Textbooks</p> <p>Teacher resources</p>

<p>Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.</p>	<p>-I can analyze the author's purpose in an explanation in a text.</p> <p>-I can analyze the author's purpose in describing a procedure in a text.</p> <p>-I can analyze the author's purpose in discussing an experiment in a text.</p>	<p>Rubrics</p> <p>Teacher questioning</p> <p>Verbal discussion</p> <p>Various Worksheets</p> <p>Quizzes</p> <p>Tests</p>	<p>Author's purpose</p>	<p>Teacher questioning</p> <p>Verbal discussion</p> <p>Various Worksheets</p> <p>Quizzes</p> <p>Tests</p>
<p>Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).</p>	<p>- I can integrate quantitative or technical information in words to a visual version of the information</p>	<p>Rubrics</p> <p>Lab Write ups</p>	<p>Quantitative information</p> <p>Technical information</p>	<p>Various Labs</p> <p>Lab Write up forms</p> <p>Notebooks</p>

<p>Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.</p>	<p>-I can distinguish among facts of research findings and reasoned judgment and speculation in a text</p>	<p>Rubrics Test Quiz Worksheets</p>	<p>Facts Reasoned judgment speculation</p>	<p>Textbooks Selected science magazines Science news websites</p>
<p>Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.</p>	<p>- I can compare and contrast information gained in experiments with that gained from reading a text on the same topic.</p> <p>- I can compare and contrast information gained from simulations with that gained from reading a text on the same topic.</p> <p>- I can compare and contrast information gained from video or multimedia sources with that gained from reading a text on the same topic.</p>	<p>Test Quizzes Daily work</p>	<p>Compare Contrast</p>	<p>Textbooks Labs Simulations Videos Multimedia sources</p>

By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently	I can read and comprehend 6-8 science/technical text independently and proficiently	Daily assignments Tests Quizzes Teacher questioning	Science terms in the unit/chapter	Daily readings Teacher resource books Textbooks
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