

Science

6th Grade

Primary Text: IQWST

Year long Next Generation Science Standards

Crosscutting Concepts: •Cause and Effect • Systems and system models

Science and Engineering Practices: •Asking Questions •Developing and Using Models •Constructing Explanations & Designing Solutions
•Engaging in Argument from Evidence •Obtaining, Evaluating and Communicating Information

<u>Trimester 1</u>	<u>Trimester 2</u>	<u>Trimester 3</u>
<p><u>Essential Question:</u> Can I believe my eyes? (Physical Science)</p> <p><u>Performance Tasks:</u> •Daily Question Board •Scientific modeling •Exit tickets</p>	<p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> •How can I smell things from a distance? (Intro to Chemistry) •Where have all the creatures gone? (Life Science) <p><u>Performance Tasks:</u> •Daily Question Board •Scientific modeling •Claim, evidence and reasoning •Exit tickets</p>	<p><u>Essential Question:</u> How does water shape our world? (Earth Science)</p> <p><u>Performance Tasks:</u> same as trimester 2</p>

7th Grade

Year long Next Generation Science Standards

Crosscutting Concepts: •Cause and Effect • Systems and system models

Science and Engineering Practices: •Asking Questions •Developing and Using Models •Constructing Explanations & Designing Solutions
•Engaging in Argument from Evidence •Obtaining, Evaluating and Communicating Information

<u>Trimester 1</u>	<u>Trimester 2</u>	<u>Trimester 3</u>
<p>Old Stuff? (Intro to Chemistry)</p> <p><u>Performance Tasks:</u> •CER writing samples</p>	<p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> •What is Going on Inside Me? (Life Science) •What Makes the Weather Change? (Earth Science) 	<p><u>Essential Question:</u> How does water shape our world? (Earth Science)</p>

<p>Old Stuff? (Intro to Chemistry)</p> <p>Performance Tasks: •CER writing samples •Designing experiments with rational numbers.</p>	<p>Essential Questions:</p> <ul style="list-style-type: none"> •What is Going on Inside Me? (Life Science) • What Makes the Weather Change? (Earth Science) <p>Performance Tasks: All of Tri 1 + •making and evaluating models</p>	<p>Essential Question: How does water shape our world? (Earth Science)</p> <p>Performance Tasks: same as trimester 2</p>
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8th Grade

Primary Text: IQWST

Year long Next Generation Science Standards

Crosscutting Concepts: •Cause and Effect • Systems and system models

Science and Engineering Practices:

•Asking Questions •Developing and Using Models •Constructing Explanations & Designing Solutions •Engaging in Argument from Evidence
•Obtaining, Evaluating and Communicating Information

<u>Trimester 1</u>	<u>Trimester 2</u>	<u>Trimester 3</u>
<p>Essential Question: How is the Earth Changing? (Earth Science)</p>	<p>Essential Questions:</p> <ul style="list-style-type: none"> •Why Do Organisms Look The Way They Do? (Life 	<p>Essential Question: How Will It Move? (Physical Sci)</p>