

# STEM Gauge and IQWST Correlation

## Suggested scope and sequence for STEM Gauge™ alignment to IQWST units

Activate Learning and Measured Progress have partnered to add NGSS-aligned assessment resources to **Investigating and Questioning our World through Science and Technology (IQWST)**. The diagrams below describe which **STEM Gauge™** topic-based item sets have appropriate assessment questions to use within each **IQWST** unit, by grade level.

LEVEL 1			
			
<p><b>Physical Science 1</b> <i>Can I Believe My Eyes?</i></p>	<p><b>Chemistry 1</b> <i>How Can I Smell Things From a Distance?</i></p>	<p><b>Life Science 1</b> <i>Where Have All the Creatures Gone?</i></p>	<p><b>Earth Science 1</b> <i>How Does Water Shape Our World?</i></p>
<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Energy</li> <li>Waves and Electromagnetic Radiation</li> <li>Space Systems</li> <li>Structure, Function, and Information Processing</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Structure and Properties of Matter</li> <li>Energy</li> <li>Structure, Function, and Information Processing</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Matter and Energy in Organisms and Ecosystems</li> <li>Interdependent Relationships in Ecosystems</li> <li>Growth, Development, and Reproduction of Organisms</li> <li>Earth's Systems</li> <li>Human Impacts</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Earth's Systems</li> <li>Weather and Climate</li> <li>Structure and Properties of Matter</li> <li>History of Earth</li> </ul>
LEVEL 2			
			
<p><b>Chemistry 2</b> <i>How Can I Make New Stuff From Old Stuff?</i></p>	<p><b>Physical Science 2</b> <i>Why Do Some Things Stop While Others Keep Going?</i></p>	<p><b>Earth Science 2</b> <i>What Makes the Weather Change?</i></p>	<p><b>Life Science 2</b> <i>What's Going on Inside of Me?</i></p>
<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Chemical Reactions</li> <li>Structure and Properties of Matter</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Forces and Interactions</li> <li>Energy</li> <li>Chemical Reactions</li> <li>Structure and Properties of Matter</li> <li>Waves and Electromagnetic Radiation</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Weather and Climate</li> <li>Space Systems</li> <li>Earth's Systems</li> <li>Structure and Properties of Matter</li> <li>Energy</li> </ul>	<p><b>STEM Gauge topic sets:</b></p> <ul style="list-style-type: none"> <li>Structure, Function, and Information Processing</li> <li>Matter and Energy in Organisms and Ecosystems</li> <li>Growth, Development, and Reproduction of Organisms</li> <li>Interdependent Relationships in Ecosystems</li> </ul>

## LEVEL 3



### Earth Science 3

*How Is the Earth Changing?*

#### STEM Gauge topic sets:

- Earth's Systems
- History of Earth
- Space Systems
- Human Impacts



### Life Science 3

*How Will It Move?*

#### STEM Gauge topic sets:

- Natural Selection and Adaptations
- Structure, Function, and Information Processing
- Growth, Development, and Reproduction of Organisms



### Physical Science 3

*Why Do Organisms Look the Way They Do?*

#### STEM Gauge topic sets:

- Forces and Interactions
- Energy
- Space Systems



### Chemistry 3

*How Does Food Provide My Body With Energy?*

#### STEM Gauge topic sets:

- Matter and Energy in Organisms and Ecosystems
- Growth, Development, and Reproduction of Organisms
- Structure and Properties of Matter
- Chemical Reactions

## Try a **STEM Gauge** topic-based item set

See how **STEM Gauge** formative assessment resources support the **IQWST** curriculum.

Take the first step and download a free **STEM Gauge** Teacher's Guide Sampler and then contact your Activate Learning representative.

- <http://go.measuredprogress.org/stem-gauge-activate>
- [www.activatelearning.com/contact-us](http://www.activatelearning.com/contact-us)



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