## 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

<table>
<thead>
<tr>
<th>Physical Science 1</th>
<th>Chemistry 1</th>
<th>Life Science 1</th>
<th>Earth Science 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Can I Believe My Eyes?</strong></td>
<td><strong>How Can I Smell Things From a Distance?</strong></td>
<td><strong>Where Have All the Creatures Gone?</strong></td>
<td><strong>How Does Water Shape Our World?</strong></td>
</tr>
</tbody>
</table>

**STEM Gauge topic sets:**
- Energy
- Waves and Electromagnetic Radiation
- Space Systems
- Structure, Function, and Information Processing

**STEM Gauge topic sets:**
- Structure and Properties of Matter
- Energy
- Structure, Function, and Information Processing

**STEM Gauge topic sets:**
- Matter and Energy in Organisms and Ecosystems
- Interdependent Relationships in Ecosystems
- Growth, Development, and Reproduction of Organisms
- Earth's Systems
- Human Impacts

**STEM Gauge topic sets:**
- Earth's Systems
- Weather and Climate
- Structure and Properties of Matter
- History of Earth

### LEVEL 2

<table>
<thead>
<tr>
<th>Chemistry 2</th>
<th>Physical Science 2</th>
<th>Earth Science 2</th>
<th>Life Science 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How Can I Make New Stuff From Old Stuff?</strong></td>
<td><strong>Why Do Some Things Stop While Others Keep Going?</strong></td>
<td><strong>What Makes the Weather Change?</strong></td>
<td><strong>What's Going on Inside of Me?</strong></td>
</tr>
</tbody>
</table>

**STEM Gauge topic sets:**
- Chemical Reactions
- Structure and Properties of Matter

**STEM Gauge topic sets:**
- **Forces and Interactions**
- Energy
- Chemical Reactions
- Structure and Properties of Matter
- Waves and Electromagnetic Radiation

**STEM Gauge topic sets:**
- Weather and Climate
- Space Systems
- Earth's Systems
- Structure and Properties of Matter
- Energy

**STEM Gauge topic sets:**
- Structure, Function, and Information Processing
- Matter and Energy in Organisms and Ecosystems
- Growth, Development, and Reproduction of Organisms
- Interdependent Relationships in Ecosystems
Try a STEM Gauge Topic 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