Next Steps and Opportunities

OPI Science Assessment Update

Rawnie Crasco | Assessment Specialist | OPI Assessment Unit
Meeting Details

• This webinar will be recorded.
• To decrease background noise, participants are muted.
• During Q/A, the facilitator will unmute all participants.
• To speak individually, unmute your phone/headset. Microphone should be green.
• Use the Chat Box to send in questions during the presentation.
• You are encouraged to ask questions about the content.
Presentation Overview

• Goals of a Balanced Assessment System

• Updates
  – Summative Science Assessments
  – Interim Science Assessments
  – Formative Resources

• Opportunities for Educators
Summative Assessments
Measure college & career readiness

Formative Assessment Process
Improve instruction & student learning

Interim Assessments
Flexible for actionable feedback
Primary Assessment Goals for Different Users

- **Readiness**
  - Students/Parents
    - all types

- **Instruction**
  - Classroom Teachers
    - formative
  - Schools/Districts
    - summative
  - District/State/Federal
    - summative

- **Accountability**
Summative Tests

• ACT Science
  – Grade 11 (CCR Readiness in Science)
  – Paper or online

• Montana Science Assessment (MSA)
  – Grades 5 and 8 (NGSS Benchmarks)
  – Online only through same site as SBAC

• Alternate Montana Science Assessment (AMSA)
  – Grades 5, 8, 11
  – Online only through same site as SBAC
Summative Tests

• ACT Science
  – No data, no reporting for 2020
  – Back on track for 2021
  – Standard setting in 2021
  – Peer Review due December 2021
Summative Tests

- **Notes on Fall ACT Testing!**
  - October 6 & October 20
  - Separate Schedule of Events
    - Specific dates coming soon
  - Accommodations approvals will roll over
  - July/August: access TAA to request new accommodations
  - August access to PA Next
  - August training webinars
Summative Tests

MSA and AMSA

- 2020 Development Activities
  - Impact of cancellations

- 2021 Operational Field Tests
  - Analysis and Reporting
  - Standard Setting
Summative Tests

- **Practice/Training Tests**
  - Try out format, alignments
  - See item types
  - Practice using accommodations
  - HS available for formative use only!
    - Not intended to directly support ACT

**AMSA:** borrowed from Hawaii

**MSA: Refresh September 2020**
- Updates based on educator feedback
Interim Science Tests

Provide teachers with just-in-time data:

– Focused on individual standards

• Available for ES, MS, HS
• One 3D cluster per PE
• Online item preview
• PDF answer keys
• Automatically scored
• Online reporting

New for 2020-21!
# Next Generation Science Standards Interim Assessments

<table>
<thead>
<tr>
<th>Elementary School Science - Motion and Stability: 5-PS2-1</th>
<th>Elementary School Earth and Space Science - Earth’s Systems 2: 5-ESS2-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary School Earth and Space Science - Weather and Climate: 3-ESS2-1</td>
<td>Elementary School Earth and Space Science - Earth’s Systems 1: 4-ESS2-1</td>
</tr>
<tr>
<td>Elementary School Life Science - Interdependent Relationships in Ecosystems: 3-LS4-1</td>
<td>Elementary School Life Science - Matter and Energy in Organisms and Ecosystems: 5-LS2-1</td>
</tr>
<tr>
<td>Elementary School Physical Science - Waves and Their Application: 4-PS4-2</td>
<td>Elementary School Physical Science - Inheritance and Variation of Traits: 3-LS3-1</td>
</tr>
<tr>
<td>Elementary School Physical Science - Forces and Interactions: 3-PS2-2</td>
<td>Elementary School Physical Science - Energy: 4-PS3-4</td>
</tr>
<tr>
<td>Elementary School Physical Science</td>
<td>Elementary School Physical Science</td>
</tr>
</tbody>
</table>
Interim Science Tests

• Availability: mid-September, 2020
• Training Plan:
  – Assessment Roadshow presentations
  – OPI Science Assessment site
  – Instructional video
  – Cambium resource page
Formative Resources

• PAO Resources
• IEFA Resources
• OPI Content Standards and Instructions
• SCILLSS Toolkit
• OPI Learning Hub
Opportunities for Educators

Soon:

- Theory of Action Evaluation
  - Online Meetings, June 8 & 29
- AMSA
  - Content Approval Committee, June 9 (filled!)
- MSA
  - Item Writing Workshop, June 10-11 (12 openings)
  - Content Approval Committee, October 15-16
Opportunities for Educators

Later (2021):

• MSA Rubric Validation
• MSA and AMSA Item Data Review
• MSA and AMSA Standard Setting
• ACT Science Standard Setting
To participate in science assessment activities, complete the form:

Educator Interests and Opportunities
Questions?

Rawnie Crasco
Assessment Specialist
Montana Office of Public Instruction
Phone: 406.444.5899
E-mail: Rawnie.Crasco@mt.gov