New Hampshire
Statewide Assessment System
2018-19 Fall Training
October 22-26, 2018
Presenters

- NH Department of Education
  - Julie Couch - Bureau Administrator
  - Cathleen White - Assessment Administrator

- American Institutes for Research (AIR)
  - Tom Glorfield - Senior Program Manager
Presentation Overview

- AIR Overview
- Assessment Portal
- Interim Assessments Information
- Benchmark Modulars
- Secure Browser
- Test Information Distribution Engine (TIDE)
- Test Administrator (TA) Interface
- Test Delivery System (TDS)
- AIR Ways - Interim Assessment Reporting System
- Online Reporting System (ORS)
- Important Dates
- Questions/Answers
American Institutes for Research (AIR)

- Not-for-profit organization founded after World War II
- Conducts work with strict independence, objectivity, and non-partisanship
- Consists of approximately 1,800 people dedicated to development, research, evaluation, and technical assistance for:
  - Assessment
  - Education
  - Health and Wellness
  - International Development

- Assessment focuses on online testing and emphasizes:
  - Innovative item types
  - Accessibility
  - Adaptive testing
AIR Assessment

- Delivers state wide assessments in 26 states
- Delivers on-line tests to about 1/3 of the nation’s students
- Supports general education, alternate, & English proficiency tests
- Supported peak concurrent load of ~700,000 tests in 2016.
- Expanding capacity to support 3 million concurrent tests in 2017-2018
- Has delivered NH tests since 2014-15
- AIR is excited to continue to support NH SAS
NH Statewide Assessment System (SAS)

- Interim/Summative assessment program
  - ELA and Math; grades 3-8
  - Science, grades 5, 8, and 11
  - Interims: delivered at any time during the testing window
  - Summative: Spring 2019 test
    - 2019 Testing Window: March 19, 2019-June 7, 2019
- Aligned to New Hampshire’s content standards
  - A look at some sample test blueprints
- All done through the online system
Sample Test Blueprints: Connection with NH Standards

Exhibit D1.1-1: Sample ELA Blueprint for Grades 3–5

<table>
<thead>
<tr>
<th>Reading</th>
<th>Literary: 50%</th>
<th>Informational: 50%</th>
<th>42 items</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reading Literature</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key Ideas and Details</td>
<td></td>
<td></td>
<td>4–6</td>
</tr>
<tr>
<td>Craft and Structure</td>
<td></td>
<td></td>
<td>4–6</td>
</tr>
<tr>
<td>Integration of Knowledge and Ideas</td>
<td></td>
<td></td>
<td>1–4</td>
</tr>
<tr>
<td>Language/Vocabulary Acquisition and Use</td>
<td></td>
<td></td>
<td>1–2</td>
</tr>
<tr>
<td>Listening</td>
<td></td>
<td></td>
<td>0–4</td>
</tr>
<tr>
<td><strong>Reading Informational</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key Ideas and Details</td>
<td></td>
<td></td>
<td>6–8</td>
</tr>
<tr>
<td>Craft and Structure</td>
<td></td>
<td></td>
<td>6–8</td>
</tr>
<tr>
<td>Integration of Knowledge and Ideas</td>
<td></td>
<td></td>
<td>2–6</td>
</tr>
<tr>
<td>Language/Vocabulary Acquisition and Use</td>
<td></td>
<td></td>
<td>1–2</td>
</tr>
<tr>
<td>Listening</td>
<td></td>
<td></td>
<td>0–4</td>
</tr>
<tr>
<td><strong>Language/Editing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6–8</td>
</tr>
<tr>
<td><strong>Writing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 1: Expository Essay</td>
<td></td>
<td></td>
<td>0–1</td>
</tr>
<tr>
<td>Task 2: Argumentative Essay</td>
<td></td>
<td></td>
<td>0–1</td>
</tr>
</tbody>
</table>
# Sample Blueprint for Math

## Exhibit D1.1-2: Sample Mathematics Blueprint for Grade 7

<table>
<thead>
<tr>
<th>Domain</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Cluster</td>
<td>50</td>
</tr>
<tr>
<td>Standard</td>
<td>MIN</td>
</tr>
<tr>
<td>Standard</td>
<td>MAX</td>
</tr>
</tbody>
</table>

### Ratios and Proportional Relationships (RP)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>13</td>
</tr>
</tbody>
</table>

#### A
- **Analyze proportional relationships and use them to solve real-world and mathematical problems.**
  - 7.RP.1: 0 - 5
  - 7.RP.2(abcd): 0 - 5
  - 7.RP.3: 0 - 5

### The Number System (NS)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>11</td>
</tr>
</tbody>
</table>

#### B
- **Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.**
  - 7.NS.1(abcd): 0 - 4
  - 7.NS.2(abcd): 0 - 4
  - 7.NS.3: 0 - 4

### Expressions and Equations (EE)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

#### C
- **Use properties of operations to generate equivalent expressions.**
  - 7.EE.1: 0 - 3
### Exhibit D1.1-3: Sample Grade 5 Science Blueprint

<table>
<thead>
<tr>
<th>Physical Science</th>
<th>Item Ranges - Operational</th>
<th>Item Ranges - Embedded Field Test</th>
<th>Total Items</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min Clusters</td>
<td>Max Clusters</td>
<td>Min Stand Alone Items</td>
</tr>
<tr>
<td>5-PS2-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS2-2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS2-3</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS2-4</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS3-1</td>
<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>5-PS3-2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS3-3</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS3-4</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS4-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS4-2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS5-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS5-2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-PS5-3</td>
<td>0</td>
<td>1</td>
<td>0</td>
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<tr>
<td>5-PS5-4</td>
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<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Life Science</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>5-LS2-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS4-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS4-3</td>
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<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS5-1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS5-2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS5-3</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS5-4</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5-LS5-5</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

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AIR Testing Systems

- **Assessment Portal** - Access to all systems and resources.
- **Secure Browser** - Secure testing application; required to be installed on each system used for testing; blocks any outside access to other systems.
- **Test Information Distribution Engine (TIDE)** - User and Student management including test settings and accommodations. Administrative tasks such as appeals, participation reports, etc.
- **Test Delivery System (TDS)** - The testing system, both the student and teacher interface
- **AIR Ways Reporting** - Reporting system for Interims and Benchmark Modular assessments
- **Assessment Viewing Application (AVA)** - View Interim Assessments prior to administering them
- **Online Reporting System (ORS)** - Reporting system for summative assessments
Secure Browser

- Must be installed on all systems used by students for testing

- Download from NH SAS Assessment Portal
  - [http://nh.portal.airast.org/browsers/](http://nh.portal.airast.org/browsers/)
Two-Factor Authentication - NEW for 18-19

- The first time you log into an AIR system from a new browser or device, you will be sent an authentication code via email
- Code must be entered within five minutes
- Applies to ALL systems - TIDE, TA Interface, AIR Ways, etc.
Test Information Distribution Engine (TIDE) - update shots to reflect real life
Preparing for Testing (Before)

- Users
  - Add Users
  - View/Edit/Export Users
  - Upload Users

- Students
  - View/Edit/Export Students
  - Upload Interim Grades

- Test Settings and Tools
  - View/Edit Test Settings and Tools
  - Upload Test Settings and Tools

- Rosters
  - Add Roster
  - View/Edit Rosters
  - Upload Rosters
Users
Users - Add Users

Add Users

Use this page to add users to assessment systems.

PERSONAL

First Name

Last Name

Phone Number

Email Address

Add Roles

Select a role

Add More Roles

State Administration

Local District Administrator

Local School Administrator

Local Teacher

School Teacher Coordinator

Add as Task Administrator

Save
Cancel
Users - Add/Edit/Export Users
Users - Upload Users

Upload Users Template
Students
Students - View/Edit/Export Students

[Image of a webpage interface for viewing, editing, and exporting students.]

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Students - Upload Interim Grades
NEW for 18-19

Upload Interim Grades Template
Test Settings and Tools
Test Settings and Tools - View/Edit/Export Test Settings and Tools
Test Settings and Tools - View/Edit/Export Test Settings and Tools
Test Settings and Tools - Upload Test Settings and Tools

Upload Test Settings Template
Rosters
Rosters - View/Edit Rosters

<table>
<thead>
<tr>
<th>Roster Name</th>
<th>Teacher</th>
<th>Grade(s)</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2_8_12</td>
<td>Telegraph</td>
<td>12, 13</td>
<td>2</td>
</tr>
<tr>
<td>2_8_12</td>
<td>Telegraph</td>
<td>12, 13</td>
<td>2</td>
</tr>
<tr>
<td>2_8_12</td>
<td>Telegraph</td>
<td>12, 13</td>
<td>2</td>
</tr>
<tr>
<td>2_12_1</td>
<td>Telegraph</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>2_8_12</td>
<td>Telegraph</td>
<td>12, 13</td>
<td>2</td>
</tr>
<tr>
<td>2_8_12</td>
<td>Telegraph</td>
<td>12, 13</td>
<td>2</td>
</tr>
<tr>
<td>All Roster</td>
<td>All Roster</td>
<td>11, 1</td>
<td>1</td>
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<tr>
<td>All Roster</td>
<td>All Roster</td>
<td>11, 1</td>
<td>1</td>
</tr>
<tr>
<td>Test Roster</td>
<td>Test Roster</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td>Test Roster</td>
<td>Test Roster</td>
<td>11</td>
<td>1</td>
</tr>
</tbody>
</table>
Administering Tests (During)

- **Print Testing Tickets**
  - Print from Student List
  - Print from Roster List

- **Appeals**
  - Create Appeals
  - View Appeals
  - Upload Appeals

- **Monitoring Test Progress**
  - Plan and Manage Testing
  - Participation Search by SSID
  - Test Completion Rates
Printing Test Tickets
Printing Test Tickets - Print from Student List
Printing Test Tickets - Print from Roster List

Test Tickets
Test Settings
PreID Labels
Appeals - Create Appeals
Appeals - View Appeals
Appeals - Upload Appeals

Upload Appeals Template

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Monitoring Test Progress
Monitoring Test Progress - Plan and Manage Testing
Monitoring Test Progress - Participation Search by SSID
Monitoring Test Progress –
Test Completion Rates
Single Sign-On (SSO)

- Once you sign in to any of the testing systems, you’re in!
Discussion on Different Types of Assessments

- Interim Assessments
  - Interim
  - Modular
  - ELA and Math, Grades 3-8
  - Science Grades 5, 8, 11
  - Window: 10/9/18 – 6/7/19

- Summative Assessments
  - ELA and Math, Grades 3-8
  - Science Grades 5, 8, 11
  - Window: 3/19/19 – 6/7/19
Comprehensive Interim Assessments

- Computer adaptive
- Approximately 30 items per test
- Can be given an unlimited amount of times
- 100% machine-scored
- Reported in AIR Ways
- One Comprehensive Interim per grade/subject
Benchmark Modules

- Much smaller tests
- Average of 12-15 questions per test
- Tests are meant to inform teachers in real time
- All tests are AI scored so results are back immediately
- Can be given unlimited amount of times
- Fixed Form
- Can test off grade level
How Do Interim Assessments Support Teaching and Learning?

They allow educators to:

- Elicit evidence of student learning to inform teaching and learning.
- Engage in professional learning.
- Deepen teacher content knowledge.
- Evaluate grade level instructional progress and plan adjustments to increase learning for all students; and
- Observe student use of the testing platform and accessibility supports with actual test items.
Uses of Benchmark Modules

- Whole class at beginning, middle and end of unit
- RtI groupings
- Small class groups for progress monitoring
- Title 1 groups
- Individual student assessment of skills
- Not used by State for Accountability
Summative Assessments

- School/District Decisions
- Overall Strengths and Weaknesses
- Professional Development Decisions
- Focus for the school/district
Where Are They?

- Go into the NH SAS portal: [https://nh.portal.airast.org](https://nh.portal.airast.org)
- Click on Test Administration card to find the interims
Now, Let’s See it in Action

- Selecting Interim test(s)
- Launching test(s)
Test Administrator Interface and Test Delivery System (TDS)

For test selection, click on + sign for more, - sign for less
A Note About Pop-Ups

- Certain AIR systems require the use of pop-ups (the TA interface, for instance).
- Once you allow pop-ups from airast.org, refresh the page and you should be able to continue.
TA Interface - Creating a Live Test Session
TA Interface - Creating a Live Test Session
TA Interface - Creating a Live Test Session
TA Interface - Approving Students
TA Interface - Monitoring Students

Students in your Practice Test Session

<table>
<thead>
<tr>
<th>Student Name</th>
<th>SSID</th>
<th>Opp #</th>
<th>Test</th>
<th>Test Status</th>
<th>Test Settings</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel, Biddle</td>
<td>NH781128</td>
<td>1</td>
<td>G5 Math Practice Test</td>
<td>Paused 1/24 answered</td>
<td>Custom</td>
<td></td>
</tr>
<tr>
<td>CHACE, ALLEN</td>
<td>NH781126</td>
<td>1</td>
<td>G3 ELA Practice Test</td>
<td>Started 3/20 answered</td>
<td>Custom</td>
<td></td>
</tr>
</tbody>
</table>
Online Reporting System (ORS) - 17-18
Summative Assessment Results

- Retrieve Student Results
- Score Reports
Retrieve Student Results
Score Reports
Score Reports

Student Performance in Each Achievement Level
How did my district perform overall in ELA/Reading?

Test: SAS Summative ELA/Reading Grade 5
Year: 2017-2018
Name: Demo District 1

Performance on the SAS Summative ELA/Reading Grade 5 Test: Demo District 1, 2017-2018

Number of Students | Average Score | Percent Proficient | Percent of Students in Each Achievement Level | Number of Students in Each Achievement Level

New Hampshire Statewide Assessment System

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AIR Ways

- Houses all testing results from both Interim and Benchmark Modules
- Much more granular information
- Can get class and individual student results
- Able to look at each question and how each student responded
- Percentages given for each question
- Provides student performance reports for the Interim Assessments
- Consists of a Dashboard page and various Assessment Reports
Accessing AIR Ways
AIR Ways - Dashboard

Dashboard: summary of all the assessments associated with a user/institution
AIR Ways - Assessment Reports

- Assessment Reports: provided detailed performance data for each assessment
AIR Ways - Assessment Reports
AIR Ways - Assessment Reports

- You can drill down all the way to the item and the student’s response, including the rubric and other scoring resources.
Standard Setting - July 2017

- Since 17-18 was the first operational year for the NH SAS, cut-scores and proficiency levels needed to be set - this process is called Standard Setting.

- NH DOE wanted to continue to provide the field with real-time reporting, so preliminary scores, based on prior testing, were released during the school year.

- Over 250 New Hampshire educators participated in the process and recommended cut scores for all grades/subjects to the Commissioner of Education and the DOE.

- Once approved, update reports with the approved cut-scores and proficiency ranges were released to the Online Reporting System (ORS).

- Since the Science test was brand new in 17-18, scores were held until the official cut-scores and proficiency levels were approved by the NH DOE.

- Science scores were released in August 2017 and are still available in ORS.
Assessment Viewing Application (AVA)  
...another helpful card

- Can choose any benchmark module and display the questions to the class, group, or individual student (no scores given)
- Could use in many ways...question of the day, transitional times, at the beginning or end of a class
- Secure site, will need to log in first
AVA - Selecting Tests to View
Live Tests vs. AVA

- Live tests give student results
- AVA is view only - no results and no answers are found there
- All Benchmark/Module tests/subjects available
  ELA, Math, and Science
Important Dates

- Interim Assessment window: 10/9/18 - 6/7/19
- Summative Assessment window: 3/19/19 - 6/7/19
- Secure Browser GO-LIVE: 10/1/18
- Training/Practice test GO-LIVE: 10/9/18
- ORS GO-LIVE:
  - 8/28/18 (17-18 Summative results)
  - 3/19/19 (18-19 Summative results)
- Webinar schedule:
  - Technical Requirements - 10/11/18 Recording is available on portal
  - TIDE - 10/28/18 Recording is available on portal
  - AIR Ways - 11/30/18
  - More to come in late 2018, early 2019
AIR Ways Authoring

- Gives you the ability to create your own tests to use in the classroom, complete with reporting in AIR Ways.
Test Security

- Test Security Protocols - Will have form for principal to sign and return
- DOE requirements/findings
- On Site Visits to begin with this test administration
- Desk Audits will begin as well
- Five year timeline to audit all school districts
- Information will be sent out in the next few weeks
Content Review and Bias/Sensitivity Committees

- Committee members needed
- Meetings are on Tuesday, 11/6 and Wednesday, 11/7
- Location: Mill Falls in Meredith
- Look for more info from the DOE soon
QUESTIONS???
Thank You!!!

Contact Us

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