Assessment Update
2015-16

Indiana Department of Education
Office of Student Assessment
Assessment Development Journey

- Item Specifications; Test Blueprints
- Item Development; Internal IDOE Item Review
- Content and Bias/Sensitivity Reviews

Blue font = Educator Involvement

- Standard Setting (Cut Score Setting)
- Pilot Items/Administer Operational Test
- Revise/Select Items
Indiana educators in grade/content committees verify that each item is...

- Matched to an Indiana Academic Standard (alignment)
- Accurate and appropriate for the grade level
- Clearly stated and unambiguous
- Appropriate for the assigned Depth of Knowledge

*Educators play a key role in the development of Indiana’s accountability assessments.*
2015-16 Assessments

- ISTEP+ Grades 3-8
- ISTEP+ Grade 10
- ECAs
- ISTAR
- IREAD-3
- WIDA
- ACCUPLACER
- PSAT
- Formative Assessments
2015-16 Assessments

ISTEP+ Grades 3-8
ISTEP+ Grades 3-8: Overview

- Vendor: Pearson
- Grades / Content Areas
  - 3-8: English/Language Arts, Mathematics
  - Grades 4 and 6: Science
  - Grades 5 and 7: Social Studies
- New! Part 1 Science – available online
- Piloting new items – Book II only
  - Small statistical sample of students
- Item samplers
  - Feature Pearson’s online platform beginning in November
ISTEP+ Grades 3-8: Item Types (ELA)

- Item Types
  - ELA
    - Part 1
      - Constructed-Response (CR)
      - Extended-Response (ER)
        IMPORTANT: ELA will no longer include an ER during the Part 1 test administration.
      - Writing Prompt/Essay (WP)
    - Part 2
      - Multiple-Choice (MC)
      - Technology-Enhanced (TE)
        - Online only
ISTEP+ Grades 3-8: Item Types (Math)

- Item Types
  - Math
    - Part 1
      - Constructed-Response (CR)
      - Extended-Response (ER)
    - Part 2
      - Multiple-Choice (MC)
      - Technology-Enhanced (TE)
        - Online only
      - Gridded-Response (GR)
        - Paper/pencil only
ISTEP+ Grades 3-8: Item Types (SCI, SS)

- Item Types
  - Science, Social Studies
    - Part 1
      - Constructed-Response (CR)
      - Extended-Response (ER)
    - Part 2
      - Multiple-Choice (MC)
### ISTEP+ Grades 3-8: Approximate Test Length

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Grades 3-5</th>
<th>Grades 6-8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mathematics</strong></td>
<td>2 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td><strong>English/Language Arts</strong></td>
<td>3.75 hours</td>
<td>3.75 hours</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>1.75 hours</td>
<td>1.75 hours</td>
</tr>
<tr>
<td>(Grade 4)</td>
<td></td>
<td>(Grade 6)</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>1.6 hours</td>
<td>1.6 hours</td>
</tr>
<tr>
<td>(Grade 5)</td>
<td></td>
<td>(Grade 7)</td>
</tr>
</tbody>
</table>
ISTEP+ Grades 3-8: Test Administration Modes

- 2015-16
  - Part 1 Online availability: ELA, SCI, SS
  - Part 2 Online required: ELA, MA, SCI, SS

- 2016-17
  - Part 1 Online expectation: ELA, MA, SCI, SS
  - Part 2 Online required: ELA, MA, SCI, SS

In 2015-16, schools may choose online or paper/pencil administration for Part 1. In 2016-17, schools will be expected to administer Part 1 online.
ISTEP+ Grades 3-8: Accountability Overview

- ELA, Math
  - Federal accountability calculation
    - Participation and performance

- Science
  - NCLB-required
    - Participation

Social Studies assessment participation is required by Indiana statute.
2015-16 Assessments

ISTEP+ Grade 10
ISTEP+ Grade 10: Overview

- Vendor: Pearson
- Content Areas
  - English/Language Arts
  - Mathematics
  - Science
- Two testing windows:
  - Part 1 (March)
  - Part 2 (May)
- Operational pilot
  - Incorporates future items into test design
ISTEP+ Grade 10: Purpose

• Three purposes of the Spring 2016 ISTEP+ assessment in grade 10:
  1) Add to the vertical scale based on assessments aligned to new CCR standards
  2) Administer the Spring 2016 ISTEP+ test for accountability
  3) Field test items to use during the Spring 2017 ISTEP+ administration

The Grade 10 ELA and Math ISTEP+ tests will become the graduation examination beginning with grade 10 students in 2016-17.
ISTEP+ Grade 10: Assessment Design

- Aligned to Indiana Academic Standards in English/Language Arts, Mathematics, and Science
- Educators served on Assessment Committees
  - Identified standards that represent knowledge, skills, and abilities students must have...
    - by the end of grade 10 to be **on track**
    - for college and career readiness upon completion of grade 12
Focus on domain-based assessments

- Domain = content within a particular subject area
  - ELA examples
    - Reading: Literature, Nonfiction
    - Writing: Genres, Writing Process
    - Writing: Conventions
  - Math examples
    - Number Sense, Expressions, Computation
    - Geometry and Measurement
    - Data Analysis, Statistics, and Probability
    - Linear Equations, Inequalities, and Functions
ISTEP+ Grade 10: Assessment Design (continued)

- Not aligned to specific courses; allows maximum local flexibility for course sequences
  - **Exception:** Biology I (per SBOE direction)
    - Test aligned to following standards (approx. 50/50):
      - The Nature of Science
      - Biology I
    - Student participates in ISTEP+ Grade 10 Science Test when in Biology I course
      - Test administered in multiple grade levels
ISTEP+ Grade 10: Item Types (ELA)

- Item Types
  - ELA
  - Part 1
    - Constructed-Response (CR)
    - Extended-Response (ER)
      IMPORTANT: ELA will not include an ER during the Part 1 test administration.
    - Writing Prompt/Essay (WP)
  - Part 2
    - Multiple-Choice (MC)
    - Technology-Enhanced (TE)
      Online only
ISTEP+ Grade 10: Item Types (Math)

- Item Types
  - Math
    - Part 1
      - Constructed-Response (CR)
      - Extended-Response (ER)
    - Part 2
      - Multiple-Choice (MC)
      - Technology-Enhanced (TE)
        - Online only
      - Gridded-Response (GR)
        - Paper/pencil only
ISTEP+ Grade 10: Item Types (Science)

- **Item Types**
  - **Science**
    - **Part 1**
      - Constructed-Response (CR)
      - Extended-Response (ER)
    - **Part 2**
      - Multiple-Choice (MC)
**ISTEP+ Grade 10: Assessment Preparation**

- Ensure opportunity to review
  - If student is not in an ELA and/or Math class in March or May
    - Use instructional strategies in current courses, such as classroom warm-ups, to provide intentional review
    - Similar to preparation for GQE (prior to ECAs)
### ISTEP+ Grades 10: Approximate Test Length

#### Spring 2016 – Early Estimates

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Grade 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>2.5 hours</td>
</tr>
<tr>
<td>English/Language Arts</td>
<td>4 hours</td>
</tr>
<tr>
<td>Science</td>
<td>2 hours</td>
</tr>
</tbody>
</table>
ISTEP+ Grade 10: Test Administration Modes

- 2015-16
  - Part 1 Online availability: ELA, SCI
  - Part 2 Online required: ELA, MA, SCI

- 2016-17
  - Part 1 Online expectation: ELA, MA, SCI
  - Part 2 Online required: ELA, MA, SCI

In 2015-16, schools may choose online or paper/pencil administration for Part 1. In 2016-17, schools will be expected to administer Part 1 online.
ISTEP+ Grade 10: Results

- Standard Setting (Cut Score Setting)
  - Summer 2016
  - Cut score recommendations to State Board of Education

- Results timeline
  - Assessment results available Fall 2016
ISTEP+ Grade 10: Accountability Overview

- ELA, Math
  - Federal accountability calculation
    - Participation and performance

- Science
  - NCLB-required
    - Participation

The new Grade 10 ISTEP+ test in ELA and Math will be used to calculate high school accountability, replacing the ECAs previously used for this purpose.
End of Course Assessments (ECAs)
End of Course Assessments (ECAs) (Questar)

- Algebra I and English 10 only
  - No Biology I ECA
- Administered in Grade 10 as Graduation Examination
  - Grades 11, 12 as a Retest
- Aligned to 2000 Math standards; 2006 ELA standards
  - Not aligned to CCR standards
- Beginning in 2015-16, ECAs used for graduation purposes only, not for accountability
Student Cohorts: ECAs as the Graduation Examination

- Class of 2018 Cohort = Current Grade 10 students
  - Last cohort for ECAs as the Graduation Examination
- Class of 2019 Cohort = Current Grade 9 students
  - First cohort for ISTEP+ Grade 10 Assessment as the Graduation Examination
<table>
<thead>
<tr>
<th>Year</th>
<th>Grade (Cohort)</th>
<th>ECA (IAS 2000 Algebra I, 2006 English 10)</th>
<th>ISTEP+ Grade 10 Assessment (E/LA and Math)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Graduation Examination</td>
<td>Becomes Accountability Exam</td>
</tr>
<tr>
<td>2015-16</td>
<td>Grade 10</td>
<td>Graduation Examination</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 11</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td>2016-17</td>
<td>Grade 10</td>
<td>Becomes Graduation Exam</td>
<td>Accountability Exam</td>
</tr>
<tr>
<td></td>
<td>Grade 11</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td>2017-18</td>
<td>Grade 10</td>
<td>Graduation Exam</td>
<td>Accountability Exam</td>
</tr>
<tr>
<td></td>
<td>Grade 11</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td>2018-19</td>
<td>Grade 10</td>
<td>Graduation Exam</td>
<td>Accountability Exam</td>
</tr>
<tr>
<td></td>
<td>Grade 11</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td>2019-20</td>
<td>Grade 10</td>
<td>Graduation Exam</td>
<td>Accountability Exam</td>
</tr>
<tr>
<td></td>
<td>Grade 11</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12</td>
<td>Retest</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>Retest</td>
<td></td>
</tr>
</tbody>
</table>
ISTAR: Overview

- **Indiana Standards Tool for Alternate Reporting (ISTAR)**

- Indiana’s alternate assessment for students with significant cognitive disabilities

- Vendor: Questar
ISTAR: Participation

- Students who meet specific eligibility criteria participate
- Grades 3-8, 10: English/Language Arts, Mathematics
- Grades 4, 6, 10: Science
- Grades 5, 7: Social Studies

The new ISTAR assessment is a test requiring student interaction with test items for all content areas, rather than a teacher rating tool.
### ISTAR: 2015-16 Timeline

<table>
<thead>
<tr>
<th>Activity</th>
<th>Timeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administer Part 1 (Placement Test)</td>
<td>October 2015</td>
</tr>
<tr>
<td>Administer Part 2</td>
<td>January 2016</td>
</tr>
<tr>
<td>Administer Part 3</td>
<td>April 2016</td>
</tr>
<tr>
<td><strong>Standard Setting (Cut Score Setting)</strong></td>
<td><strong>Summer 2016</strong></td>
</tr>
</tbody>
</table>
- Assessment delivered online
- Administered one-on-one with the student
- Refer to the ISTAR Assessment Guidance_2015-16 document for more details
- Each window contains approximately 10-12 items
ISTAR: 2015-16 Administration (continued)

- **Part 1** (October 5 – November 6, 2015)
  - Placement test; addresses **standards taught in the fall**
  - Results place students into one of three tiers
    - Low/medium/high structural-level items

- **Part 2** (January 11 – February 5, 2016)
  - Assesses **standards** that are part of instruction during **first half of the school year**

- **Part 3** (April 11 – May 20, 2016)
  - Assesses **standards** that are part of instruction during **second half of the school year**
ISTAR: Accountability Overview

- ELA, Math
  - Federal accountability calculation
    - Participation and performance

- Science
  - NCLB-required
    - Participation

Social Studies assessment participation is required by Indiana statute.
Accountability Assessments:
Support for Educators
Assessment Support

- Test Blueprints
- Instructional and Assessment Guidance
- “Experience” Opportunities
Test Blueprints

- Provide “big picture” view of strands/reporting categories
- Assist in prioritizing curriculum
- Enhance instructional planning
- Guide development of classroom assessments
Instructional and Assessment Guidance

- Provides “granular” view of standards
- Informs curricular and instructional priorities
- Provides transparency regarding assessments

✓+, ✓, ✓−
Instructional and Assessment Guidance 2015-16
Mathematics – Grade 5

- Represents standards that may be assessed on ISTEP+ Part 1 and ISTEP+ Part 2.
  All standards may be assessed on ISTEP+ Part 2.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Content Priority</th>
<th>Approximate Instructional Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓+</td>
<td>Critical</td>
<td>50 – 75%</td>
</tr>
<tr>
<td>✓</td>
<td>Important</td>
<td>25 – 50%</td>
</tr>
<tr>
<td>✓–</td>
<td>Additional</td>
<td>5 – 10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strand 1 Number Sense</th>
<th>Strand 2 Computation</th>
<th>Strand 3 Algebraic Thinking</th>
<th>Strand 4 Geometry</th>
<th>Strand 5 Measurement</th>
<th>Strand 6 Data Analysis</th>
<th>Strand 7 Mathematical Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.NS.1</td>
<td>✓</td>
<td>*5.C.1</td>
<td>✓+</td>
<td>✓+</td>
<td>✓+</td>
<td>*PS.1</td>
</tr>
<tr>
<td>5.NS.2</td>
<td>✓</td>
<td>5.C.2</td>
<td>✓+</td>
<td>✓+</td>
<td>✓+</td>
<td>*PS.2</td>
</tr>
<tr>
<td>5.NS.3</td>
<td>✓–</td>
<td>5.C.3</td>
<td>✓–</td>
<td>*5.AT.3</td>
<td>✓+</td>
<td>*PS.3</td>
</tr>
<tr>
<td>5.NS.4</td>
<td>✓–</td>
<td>5.C.4</td>
<td>✓+</td>
<td>*5.AT.4</td>
<td>✓+</td>
<td>*PS.4</td>
</tr>
<tr>
<td>5.NS.5</td>
<td>✓–</td>
<td>5.C.5</td>
<td>✓+</td>
<td>*5.AT.5</td>
<td>✓+</td>
<td>*PS.5</td>
</tr>
<tr>
<td>5.NS.6</td>
<td>✓</td>
<td>5.C.6</td>
<td>✓–</td>
<td>5.AT.6</td>
<td>✓+</td>
<td>*PS.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.C.7</td>
<td>✓+</td>
<td>5.AT.7</td>
<td>✓+</td>
<td>*PS.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*5.C.8</td>
<td>✓+</td>
<td>*5.AT.8</td>
<td>✓+</td>
<td>*PS.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*5.C.9</td>
<td>✓+</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
“Experience” Assessment Tools

- Item samplers
  - Engaging and interactive
  - Teachers encouraged to use as instructional tools

- Opportunities to practice in vendor’s online system
2015-16 Assessments

IREAD-3
IREAD-3: Overview

- Vendor: Pearson
- Administered in Grade 3
  - Spring
  - Summer retest
- Based on K-3 foundational skills in reading
- IREAD-3 measures whether a student can read; ISTEP+ measures how well a student reads
2015-16 Assessments

WIDA
WIDA: Overview

- Vendor: Wisconsin Center for Education Research
- WIDA (English language acquisition and proficiency)
  - WIDA-APT (placement test)
  - WIDA ACCESS (annual assessment)
- Online administration in 2015-16
2015-16 Assessments

ACCUPLACER
ACCUPLACER: Overview

- Vendor: College Board
- Purpose: Identify students in need of remediation before leaving high school
- Administered to students who meet specific criteria
- 2015-16 administration includes students in Grades 11, 12
2015-16 Assessments

PSAT/NMSQT
PSAT/NMSQT: Overview

- Vendor: College Board

- Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT)

- 2015-16 includes students in Grades 10, 11
  - Cost covered by IDOE

- Implementation = local decision
Formative Assessments
Formative Assessment Test Grant Program

- Grades 3-10: approximately $17.45 per student available for ELA and Math
  - K-2 considerations

- Window to submit “Request to Participate” open through September 18
Resources for Guidance

- School Test Coordinator (STC)
- Corporation Test Coordinator (CTC)
- Office of Student Assessment
  - Telephone: (317) 232-9050
  - Email: istep@doe.in.gov
  - Website: http://www.doe.in.gov/assessment
- School Accountability: SchoolAccountability@doe.in.gov
Assessment Update

Thank you for viewing!

😊