Illinois Science Assessment 101

Illinois State Board of Education
February 7, 2019
2018-19 ISA

- **Mandatory (federal requirement)**
- **Grades 5 and 8 (grade based)**
- **Grades 9-12 (course based) - High School Biology**
  - 03051A000 Biology
  - 03052A000 Biology – Advanced Studies
  - 03056A000 AP Biology
  - 03057A000 IB Biology
- **Students WITHOUT A FULL CREDIT FOR BIOLOGY I, FROM AT LEAST ONE**
  **OF the above courses will take ISA this year.**
- **Students repeating a course that generated their only ISA score will test again (i.e. a 9th grader fails a semester, so student retakes ISA the next time he or she takes one of the four Bio courses.)**
- **Online Format Only**
- **Test Window: March 1, 2019, through April 30, 2019**
- **Text-to-Speech (TTS) and Line Reader Available to All Students**
• Accessibility Features and Accommodations
  – Students with disabilities (i.e., IEP, 504) and English Learners (ELs)
  – Below is a list of common accessibility features and accommodations available to students.
  – Furthermore, the IEP team determines whether a student needs an accessibility feature and/or accommodation not on the list, and the student will be able to receive that accessibility feature and/or accommodation.

• Presentation:
  – Text-to-Speech
  – Human Reader
  – Human Signer
  – Translation in Native Language
  – Headphones or Noise Buffers

• Response:
  – Human Scribe
  – Calculator

• Testing Environment:
  – Alternative Setting
  – Preferential Seating
  – Small Group Testing
  – Extended Time
  – Frequent Breaks
2018-19 ISA

- Grades 9-12 High School Biology
  - Exemptions – proof of “not a first year biology student”
    ISBE will search SIS grades 8-12 records from Fall 2013 through Summer 2017 for a full-year credit in at least one of the four biology courses identified previously.
    - Also, districts may use the “Reason for No Valid Test Attempt” code 06 (Not in Valid Course) during data cleanup for students that did not have a SIS record to show full year Bio credit (i.e., proof via high school transcript that student is not a first Bio student.).

- All Grades – Mobility Impacts to Testing ISA
  - Students who have started/completed a test, then move to a new school, will NOT start/continue to test at the new school.
## 2018-19 ISA Item Counts & Times

<table>
<thead>
<tr>
<th>Test</th>
<th>Number of Items</th>
<th>Estimated Before/After Time (in minutes)</th>
<th>Estimated Test Time (in minutes)</th>
<th>Estimated Total Time (in minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 5</td>
<td>30</td>
<td>15</td>
<td>43</td>
<td>58</td>
</tr>
<tr>
<td>Grade 8</td>
<td>35</td>
<td>15</td>
<td>43</td>
<td>58</td>
</tr>
<tr>
<td>High School</td>
<td>31</td>
<td>15</td>
<td>41</td>
<td>56</td>
</tr>
</tbody>
</table>

The times above are estimates. ISBE does NOT impose a time limit other than the session cannot span over two days. Districts have the flexibility to continue testing if students are still working during the session.
## 2018-19 ISA Standards Coverage – Item Interaction (not item count)

### Key

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESS</td>
<td>Earth and Space Sciences</td>
</tr>
<tr>
<td>ETS</td>
<td>Engineering, Technology, and Applications of Science</td>
</tr>
<tr>
<td>LS</td>
<td>Life Science</td>
</tr>
<tr>
<td>PS</td>
<td>Physical Science</td>
</tr>
</tbody>
</table>

### Grade 5

<table>
<thead>
<tr>
<th></th>
<th>ESS</th>
<th>ETS</th>
<th>LS</th>
<th>PS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>18</td>
<td>35</td>
</tr>
<tr>
<td>Grade</td>
<td>9%</td>
<td>20%</td>
<td>20%</td>
<td>51%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Grade 8

<table>
<thead>
<tr>
<th></th>
<th>ESS</th>
<th>ETS</th>
<th>LS</th>
<th>PS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade</td>
<td>6</td>
<td>11</td>
<td>4</td>
<td>14</td>
<td>35</td>
</tr>
<tr>
<td>Grade</td>
<td>17%</td>
<td>32%</td>
<td>11%</td>
<td>40%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### HS Biology

<table>
<thead>
<tr>
<th></th>
<th>ETS</th>
<th>LS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td>Grade</td>
<td>3%</td>
<td>97%</td>
</tr>
<tr>
<td>Total</td>
<td>33</td>
<td>100%</td>
</tr>
</tbody>
</table>
February 8, 2019

• Illinois Science Assessment Page Updated
  – www.isbe.net/Pages/Illinois-Science-Assessment.aspx
  – Resources and Documents
    • Manuals, Tutorial Site, Irregularity From
  – Assessment Technology Requirements
    • Tech Specs, Whitelist, Install Directions
    • SEBs to come soon.
Tutorial

- ISBE-Learn Tutorial Website and TA Guide Links
  - https://teach-isa.ileducates.org/tutorial
  - https://www.isbe.net/Documents/ISA-Tutorial-for-Teachers.pdf
February 14, 2018

• Systems User Guide – 2019 Enhancements
  • https://www.isbe.net/Documents/ISA-Systems-User-Guide.pdf
Districts begin IT work

- Safe Exam Browsers released
- iPad “Secure Kiosk” functionality released
- SEB Install Check – this will allow districts to verify installs, test SEB and, test systems for compatibility and connectivity with the ISA.
• ISBE will load “Org Admin” users based on EPS data – **administrator** and **science** contacts fields.
  – This will create Org Admin users based on the organization level of the entity in EPS: district and school level users (2 per org if you add the science contact).
  – These users are responsible for adding other Org Administrators and the Test Administrators.
Week of February 5, 2019

- ISBE will load students into a default class at each grade level based on 1st Semester Student Course Assignments.
  - 2nd semester data are not complete, so ISBE does not preload those data.
  - Roster Students into default classes (5-default, 8-default, Biology-(section))

- (After 02/14/19): You may create custom classes in ISBE-Teach, but it is not required.

- Past appears to be split - around 50% of school districts do and 50% do not create custom classes.
2018-19 ISA

• February 14, 2019
  – ISBE holds ISA Webinar
  – ISBE-Teach work begins

• Webinar Registration Link
2018-19 ISA

March 1 – April 30 – Test Window for ISA

• No limit as far as test days within the window
  – Once you start, keep testing until complete, don’t skip school days within a grade level (e.g., test all 5th graders on consecutive days, then you can skip days before starting 8th graders).

• ISBE Rostering Wizard (aka: ISBE Management)
  – Updates based on SIS exit and enrollments
  – Does NOT move a student record once the student has started the test

• New for 2019
  – Student responses will be sent to ISBE in near real-time.
  – The plan is to use this enhancement to expedite scoring constructed-response items to ultimately improve the time for reporting test results.
2018-19 ISA

Post-Test Work

• Hand Scoring
• Machine Scoring
• Final Scale Scores
• Corrections Window
• Final Reporting
Test Coordinator Fields in Entity Profile System (EPS)

Note: This process is used for the initial upload on 2/14. Changes after that date will not be used until the 2020 upload. User accounts for 2019 created after 2/14 must be added by district/school staff into ISBE Teach (EPS does not connect automatically with ISBE Teach).
Test Coordinator Fields in EPS

- The EPS ‘Primary’ (e.g., principal, etc.) and ‘ISA Test Coordinator’ contacts are the ONLY users ISBE will create for school districts.

- Tied to entity, so allows for District and School Test Coordinators to be identified

- Will provide ISBE quick access to email contact information

- Detailed to the assessment level
Create New Contact

Salutation: Mrs.
First Name: Mary
Middle Name: G
Last Name: Smith

Contact Type: ISA Coordinator
Title: Unit Secretary
Email: msmith@email.com

Prefill with existing information:
John Principal  Mary G Smith

[Save]  [Close]
Sample School (12-345-6789-00-0001)

Request a Change

Effective Date
7/6/2016

No Changes

Notes

EPS Information

Website Url
http://www.nokomis.k12.il.us

Block Schedule?

Magnet School?

Grades Served

Entity Attributes

NCES ID (LEA) 172856002992

To request a change to Entity Attributes, please email us at: help@isbe.net

Entity Profile System (EPS)

Addresses

Mailing
123 Main Street
City, IL 12345

Phone Numbers

Business
(123) 456-7890

Fax
(123) 456-7890

Contacts

Principal
John Principal
Principal
jpprincipal@email.com

ISA Coordinator
Mrs. Mary G Smith
Unit Secretary
msmith@email.com

Address Phone