UPDATE: Educational Technology Assessments

2013

Authorizing legislation: RCW 28A.655.075

Information Technology Services
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Executive Summary

Educational technology assessments developed by the Office of Superintendent of Public Instruction (OSPI) are voluntarily administered in the elementary, middle and high school grades. Teachers use the assessments to determine if students meet Washington’s standards for educational technology. The assessments integrate standards from science, math, health, English language arts, social studies and the arts.

In the 2012–2013 school year, school districts provided data on classroom-level use of educational technology assessments. This is the second year of the data collection. Districts must self-report only if teachers used the OSPI-developed assessments. There is no requirement to enter data related to specific assessments or other assessment strategies.

The results are similar to the 2011–2012 data:

- One-third of Washington school districts reported using an OSPI-developed assessment for educational technology.

- The most-used assessments were those that included standards for social studies: “You Decide” and “Constitutional Issues.”

- The educational technology assessments adapt well to instructional planning.

- The assessments helped students apply new knowledge across other subject areas.

- In some districts, students used the assessments to produce standardized samples of successful work for graduation portfolios.

- Districts want training for teachers that focuses on instructional technology and assessment strategies.
Background

In 2008, OSPI set standards for students in technology literacy and fluency. In 2011, OSPI released educational technology assessments for classroom and project-based use to determine if students meet Washington’s standards.

The assessments integrate subject-area standards (such as math, English language arts, health, etc.) Wherever possible, the educational technology assessments also align with the Common Core State Standards. Classroom activities are well-guided, easy to use, and come equipped with an inventory of free and low-cost digital resources.

Teachers began to use the assessments in the 2011–2012 school year. School districts are not required to use the OSPI-developed assessments, but if they do, they must report this to OSPI. The 2012–2013 school year is the second year for which we have data.

Update Status

OSPI conducted range-finding sessions in May 2013 to support the consistency and validity of scoring for the assessments. Teams of educators scored samples of student work, and provided feedback and input on the final versions of the assessments. In addition, they selected anchor papers to be used by other educators as they are trained in scoring the assessments. As a result of this input, clarifying wording was added to the assessment rubrics.

Of the 295 school districts, 101 reported using an OSPI-developed assessment for educational technology in one or more grade levels. These data are self-reported by district-level staff whose understanding of assessment practice in the classroom could be limited. For this reason, we suspect the number of classrooms using the assessments is higher, but going unreported.

Teachers used the educational technology assessments that include standards for social studies—“You Decide” and “Constitutional Issues”—more often than the other assessments.

<table>
<thead>
<tr>
<th>Districts Reporting</th>
<th>Total # of Assessments</th>
<th>Most-Used Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary</td>
<td>13,058</td>
<td>You Decide (3,562)</td>
</tr>
<tr>
<td>Middle School</td>
<td>11,801</td>
<td>Constitutional Issues (4,291)</td>
</tr>
<tr>
<td>High School</td>
<td>9,131</td>
<td>Constitutional Issues (2,552)</td>
</tr>
</tbody>
</table>

Conclusion and Next Steps

OSPI will continue to gather this annual data. If funding is available, OSPI will work on further alignment with the Common Core State Standards (http://www.k12.wa.us/corestandards) and the Smarter Balanced performance assessments (http://www.k12.wa.us/smarter). Visit the EdTech site for more information (http://www.k12.wa.us/EdTech/Assessment/default.aspx).
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