

Oregon Science Assessment Blueprint Summary

The Oregon State-wide Assessment System (OSAS) Science Assessment is administered at grades 5, 8, and high school (grade 11). The assessment includes items aligned to the [2014 Oregon Science Standards \(Next Generation Science Standards\)](#). In other years tests have also contained embedded field test items. These have been removed for the 2020-2021 administration to decrease testing time.

This summary outlines the categories and number of items at each grade band.

5th Grade Oregon Science Assessment

Reporting Categories	Number of Operational Cluster/Task Items	Number of Operational Stand-Alone/Independent Items
3-Dimensional Physical Science	1-2	4-5
3-Dimensional Life Science	1-2	4-5
3-Dimensional Earth Science	1-2	4-5
	*Total = 4	*Total = 13-14

**Represents the total number of operational items of that type to appear from all reporting categories.*

8th Grade Oregon Science Assessment

Reporting Categories	Number of Operational Cluster/Task Items	Number of Operational Stand-Alone/Independent Items
3-Dimensional Physical Science	1-2	4-5
3-Dimensional Life Science	1-2	4-5
3-Dimensional Earth Science	1-2	4-5
	*Total = 5	*Total = 12-13

**Represents the total number of operational items of that type to appear from all reporting categories.*

High school Oregon Science Assessment

Reporting Categories	Number of Operational Cluster/Task Items	Number of Operational Stand-Alone/Independent Items
3-Dimensional Physical Science	2	4
3-Dimensional Life Science	2	4
3-Dimensional Earth Science	2	4
	*Total = 6	*Total = 12

**Represents the total number of operational items of that type to appear from all reporting categories.*

Constraints for all Oregon Science Assessments:

1. Each cluster on the test will be from a different [DCI \(Disciplinary Core Idea\)](#).
2. No more than two stand-alones on the test will be from the same [DCI \(Disciplinary Core Idea\)](#).
3. No more than one cluster or stand alone on the test will be from the same [standard \(Performance Expectation\)](#).
4. All Items will appear in random order regardless of reporting category or type (cluster/task or stand-alone/independent).
5. One cluster or five stand-alone EFT (embedded field test) items will be placed randomly within each test

Sample items are available in the [Oregon Statewide Assessment System Sample Test Site](#).