



Test Blueprint

Guidance for NM-ASR



- All eligible students in **grades 5, 8, and 11** will take the NM-ASR.
- Spring NM-ASR Assessments are **not timed**. Shown time is recommended. Students without a legal plan (e.g., IEP, 504) may have time extended beyond the recommended time.
- All test items are aligned to and assess the [New Mexico STEM Ready! Science Standards](#).
- **Field test items** will be embedded within the operational test form at each grade level.
- **No calculator** is required for the NM-ASR, but grade 11 students will have a periodic table for reference.
- A **Glossary of Science Terms** is available in Spanish for grades 5, 8, 11.
- For additional details and samples of item types, view the [Test Specifications](#).

Item Type Information

- **Cluster:** 6 points; stimulus plus two 1-point items (MS-1) and two 2-point items (MS-2); machine-scored selected-response or technology-enhanced items.
- **MS-1:** 1 point; machine-scored selected-response or technology-enhanced item.
- **MS-2:** 2 points; two-part question; machine-scored selected-response or technology-enhanced item parts.
- **OE:** 4 points; open-ended item with single or multi-part prompt; human-scored.
- **Practice tests** for NM-ASR along with practice test guides for educators are available in the [Help and Support site](#).

Test Design

	Grade 5	Grade 8	Grade 11
Cluster Stimuli	6	6	6
Cluster-Based MS-1	12	12	12
Cluster-Based MS-2	12	12	12
MS-2	8	8	10
OE	3	3	3
# of Operational Items	35	35	37
# of Operational Points	64	64	68
# of Sessions	3	3	3
Estimated Time per Session (minutes)	50	50	55
Total Estimated Time (minutes)	150	150	165

Operational Test

Science Reporting Category	Grade 5		Grade 8		Grade 11	
	# of Core Points	% of Core Points*	# of Core Points	% of Core Points*	# of Core Points	% of Core Points*
Practices and Crosscutting Concepts in Physical Sciences	24-28	40%	20-24	35%	22-26	35%
Practices and Crosscutting Concepts in Life Sciences	18-22	30%	20-24	35%	22-26	35%
Practices and Crosscutting Concepts in Earth and Space Sciences	18-22	30%	18-22	30%	18-22	30%
TOTAL	64	100%	64	100%	68	100%

*Target percentage +/-4%