

NM-ASR TEST BLUEPRINT



Item Types and Recommended Times

	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
Time Per Session (min)	50	50	55
Total Time (min)	150	150	165

Operational Test

Science Reporting Category	Grade 5		Grade 8		Grade 11	
	# of Core Pts	% of Core Pts*	# of Core Pts	% of Core Pts*	# of Core Pts	% of Core Pts*
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%

Guidance for NM-ASR

- All eligible students in **grades 5, 8, and 11** will take the NM-ASR.
- Spring 2021 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.

For additional details and samples of item types, the **Test Specifications** document can be accessed at <https://webnew.ped.state.nm.us/wp-content/uploads/2020/09/NM-ASR-Spring-2021-Test-Specifications.pdf>

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 can be accessed at <https://newmexico.onlinehelp.cognia.org/practice-tests-nm-asr/>