

Science Grade 4

Summative Blueprint

Science Standards 2023

Fundamental Science Content

# - Operational Items		Estimated Average Test Time		
6 Clusters 10 Stand Alones		75 minutes		
Reporting Category	Disciplinary Core Idea (DCI)	Standards (Performance Expectation)	Number of Items	Approximate % of Test
Physical Science	PS3 Energy	4-PS3-1 4-PS3-2 4-PS3-3 4-PS3-4*	6 2 Clusters 4 Stand Alone	37.5%
	PS4 Waves and Their Applications in Technologies for Information Transfer	4-PS4-1 4-PS4-2 4-PS4-3*		
Life Science	LS1 From Molecules to Organisms: Structure and Processes	4-LS1-1 4-LS1-2	4 2 Clusters 2 Stand Alone	25%
Earth and Space Science	ESS1 Earth's Place in the Universe	4-ESS1-1	6 2 Clusters 4 Stand Alone	37.5%
	ESS2 Earth's Systems	4-ESS2-1 4-ESS2-2		
	ESS3 Earth and Human Activity	4-ESS3-1 4-ESS3-2*		
Engineering, Technology, & Application of Science (ETS)**	*PEs have an engineering component. **ETS will not be a reporting category.			
Depth of Knowledge (DOK)				
Items are written as three-dimensional clusters or stand-alone items and range from DOK 1-3.				

There are no key concepts prioritized in the science blueprints. The natural progression and minimum number of standards in each reporting category doesn't require prioritizing to guarantee coverage.