

Science Grade 3

Summative Blueprint

Science Standards

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	PS2 Motion and Stability: Forces and Interactions	3-PS2-1 3-PS2-2 3-PS2-3 3-PS2-4*	5 2 Clusters 3 Stand Alone	31%
Life Science	LS1 From Molecules to Organisms: Structure and Processes	3-LS1-1	6 2 Clusters 4 Stand Alone	38%
	LS2 Ecosystems: Interactions, Energy, and Dynamics	3-LS2-1		
	LS3 Inheritance and Variation of Traits	3-LS3-1 3-LS3-2		
	LS4 Biological Evolution: Unity and Diversity	3-LS4-1 3-LS4-2 3-LS4-3 3-LS4-4*		
Earth and Space Science	ESS2 Earth's Systems	3-ESS2-1 3-ESS2-2	5 2 Clusters 3 Stand Alone	31%
	ESS3 Earth and Human Activity	3-ESS3-1*		
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.

Science Grade 4

Summative Blueprint

Science Standards

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.

Science Grade 5

Summative Blueprint

Science Standards

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	PS1 Matter and Its Interactions	5-PS1-1 5-PS1-2 5-PS1-3 5-PS1-4	6 2 Clusters 4 Stand Alone	37.5%
	PS2 Motion and Stability: Forces and Interactions	5-PS2-1		
	PS3 Energy	5-PS3-1		
Life Science	LS1 From Molecules to Organisms: Structure and Processes	5-LS1-1	4 2 Clusters 2 Stand Alone	25%
	LS2 Ecosystems: Interactions, Energy, and Dynamics	5-LS2-1		
Earth and Space Science	ESS1 Earth’s Place in the Universe	5-ESS1-1 5-ESS1-2	6 2 Clusters 4 Stand Alone	37.5%
	ESS2 Earth’s Systems	5-ESS2-1 5-ESS2-2		
	ESS3 Earth and Human Activity	5-ESS3-1		
Engineering, Technology, & Application of Science (ETS)**	**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.