

Biology

Summative Blueprint

Science Standards 2023

Fundamental Biology Content

# - Operational Items		Estimated Average Test Time		
6 Clusters 12 Stand Alone		90 minute		
Reporting Category	Disciplinary Core Idea (DCI)	Standards (Performance Expectation)	Number of Items	Approximate % of Test
Life Science	LS1 From Molecules to Organisms: Structures and Processes	BI-LS1-1 BI-LS1-2 BI-LS1-3 BI-LS1-4 BI-LS1-5 BI-LS1-6 BI-LS1-7	12 4 Clusters 8 Stand Alone	67%
	LS2 Ecosystems: Interactions, Energy, and Dynamics	BI-LS2-1 BI-LS2-2 BI-LS2-3 BI-LS2-4 BI-LS2-5 BI-LS2-6 BI-LS2-7* BI-LS2-8		
	LS3 Heredity: Inheritance and Variation of Traits	BI-LS3-1 BI-LS3-2 BI-LS3-3		
	LS4 Biological Evolution: Unity and Diversity	BI-LS4-1 BI-LS4-2 BI-LS4-3 BI-LS4-4 BI-LS4-5 BI-LS4-6*		
Earth and Space Science	ESS2 Earth's Systems	BI-ESS2-2 BI-ESS2-4 BI-ESS2-5 BI-ESS2-6 BI-ESS2-7	6 2 Clusters 4 Stand Alone	33%
	ESS3 Earth and Human Activity	BI-ESS3-1 BI-ESS3-2* BI-ESS3-3 BI-ESS3-4* BI-ESS3-5 BI-ESS3-6		
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