

Grade 5	Min	Max	Grade 5	Min	Max
Discipline - Physical Science, PE Total = 17	12	15	Discipline - Physical Science	12	15
DCI - Matter and Its Interactions	3	5	Discipline - Life Science	12	15
5-PS1-1 : Structure of Matter	0	2	Discipline - Earth and Space Science	12	15
5-PS1-2 : Structure of Matter; Chemical Reactions	0	2	Total OFT Items		40
5-PS1-3 : Structure of Matter	0	2	Total EFT Items*		10
5-PS1-4 : Chemical Reactions	0	2	Total Items		50
DCI - Motion and Stability: Forces and Interactions	3	5	*10 EFT items distributed among the three disciplines.		
3-PS2-1 : Forces and Motion	0	2	ES based on possibly 3 subscores (could be below/at near/above) Could be marker on a line with Meets indicated		
3-PS2-2 : Forces and Motion	0	2			
3-PS2-3 : Types of Interactions	0	2			
3-PS2-4 : Types of Interactions	0	2			
5-PS2-1 : Types of Interactions	0	2			
DCI - Energy	3	5			
4-PS3-1 : Definitions of Energy	0	2			
4-PS3-2 : Definitions of Energy; Conservation of Energy and Energy Transfer	0	2			
4-PS3-3 : Definitions of Energy; Conservation of Energy and Energy Transfer; Relationship between Energy and Forces	0	2			
4-PS3-4 : Conservation of Energy and Energy Transfer	0	2			
5-PS3-1 : Energy in Chemical Processes and Everyday Life	0	2			
DCI - Waves and Their Applications in Technologies for Information Transfer	1	3			
4-PS4-1 : Wave Properties	0	2			
4-PS4-2 : Electromagnetic Radiation	0	2			
4-PS4-3 : Information Technologies and Instrumentation	0	2			
Discipline - Life Science, PE Total = 12	12	15			
DCI - From Molecules to Organisms: Structure and Processes	3	5			
3-LS1-1 : Growth and Development of Organisms	0	2			
4-LS1-1 : Structure and Function	0	2			
4-LS1-2 : Information Processing	0	2			
5-LS1-1 : Organization for Matter and Energy Flow in Organisms	0	2			
DCI - Ecosystems: Interactions, Energy, and Dynamics	3	5			
3-LS2-1 : Interdependent Relationships in Ecosystems	0	2			
5-LS2-1 : Cycles of Matter and Energy Transfer in Ecosystems	0	2			
DCI - Heredity: Inheritance and Variation of Traits	3	5			
3-LS3-1 : Inheritance of Traits; Variation of Traits	0	2			
3-LS3-2 : Variation of Traits	0	2			
DCI - Biological Unity and Diversity	3	5			
3-LS4-1 : Evidence of Common Ancestry and Diversity	0	2			
3-LS4-2 : Natural Selection	0	2			
3-LS4-3 : Adaptation	0	2			
3-LS4-4 : Biodiversity and Humans	0	2			
Discipline - Earth and Space Science, PE Total = 13	12	15			
DCI - Earth's Systems	3	5			
3-ESS2-1 : Weather & Climate	0	2			
3-ESS2-2 : Weather & Climate	0	2			
4-ESS2-1 : Earth Materials and Systems	0	2			
4-ESS2-2 : Plate Tectonics and Large-Scale System Interactions	0	2			
5-ESS2-1 : Earth Materials and Systems	0	2			
5-ESS2-2 : The Roles of Water in Earth's Surface Processes	0	2			
DCI - Earth and Human Activity	3	5			
3-ESS2-1 : Natural Hazards*	0	2			
4-ESS3-2 : Natural Hazards*	0	2			



4-ESS3-1 : Natural Resources	0	2
5-ESS3-1 : Human Impacts on Earth Systems	0	2
DCI - Earth's Place In the Universe	3	5
4-ESS1-1 : The History of Planet Earth	0	2
5-ESS1-1 : The Universe and Its Stars	0	2
5-ESS1-2 : Earth and the Solar System	0	2
Total OFT Items	40	40
Total EFT Items*	10	10
Total Items	50	50