

Grade 8 Science ISAT Blueprint	# of Clusters	# of Stand Alones	# of Clusters + Stand Alones
Physical Science	2	4	6
Matter and Its Interactions			
PS1-MS-1; PS1-MS-2; PS1-MS-3; PS1-MS-4; PS1-MS-5; PS1-MS-6			
Motion and Stability: Forces and Interactions			
PS2-MS-1; PS2-MS-2; PS2-MS-3; PS2-MS-4; PS2-MS-5			
Energy			
PS3-MS-1; PS3-MS-2; PS3-MS-3; PS3-MS-4; PS3-MS-5			
Waves			
PS4-MS-1; PS4-MS-2; PS4-MS-3			
Life Science	2	4	6
Molecules to Organisms: Structure and Process			
MS-LS1-1; MS-LS1-2; MS-LS1-3; MS-LS1-4; MS-LS1-5; MS-LS1-6			
Ecosystems: Interactions, Energy, and Dynamics			
LS2-MS-1; LS2-MS-2; LS2-MS-3; LS2-MS-4; LS2-MS-5; LS2-MS-6			
Hereditary: Inheritance and Variation of Traits			
LS3-MS-1; LS3-MS-2			
Biological Adaptation: Unity and Diversity			
LS4-MS-1; LS4-MS-2; LS4-MS-3; LS4-MS-4; LS4-MS-5; LS5-MS-6			
Earth and Space Sciences	2	4	6
Earth's Place in the Universe			
ESS1-MS-1; ESS1-MS-2; ESS1-MS-3; ESS1-MS-4			
Earth's Systems			
ESS2-MS-1; ESS2-MS-2; ESS2-MS-3; ESS2-MS-4; ESS2-MS-5; ESS2-MS-6			
Earth and Human Activity			
ESS3-MS-1; ESS3-MS-2; ESS3-MS-3; ESS3-MS-4; ESS3-MS-5			
Total Operational Clusters + Stand Alones	6	12	18
Field Test Clusters + Stand Alones (various Content Areas)	1 or	up to 4	1 or up to 4
Total Operational and Field Test Clusters + Stand Alones	7 or	up to 16	19 or up to 22