

Number of Arizona Science Standards Across Grade Levels, Core Idea Domains and Big Ideas (Clusters)



Physical Science Domain - Core Idea of Knowing Science			K	1	2	K-2 Band	3	4	5	3-5 Band	6	7	8	6-8 Band	HS	Cluster Totals	Domain Total
Physical Science Big Ideas (Clusters)	P1: Physical Science	All matter in the Universe is made of very small particles.			2	2			2	2	3		2	5	4	13	46
	P2: Physical Science	Objects can affect other objects at a distance.	2	2		4	2	1	1	4	1	2		3	1	12	
	P3: Physical Science	Changing the movement of an object requires a net force to be acting on it.		1		1			2	2		2		2	2	7	
	P4: Physical Science	The total amount of energy in a closed system is always the same but can be transferred from one energy store to another during an event.		1	1	2	1	3	1	5	1		3	4	3	14	
Grade Band Domain Totals						9				13				14	10		

Earth and Space Science Domain - Core Idea of Knowing Science			K	1	2	K-2 Band	3	4	5	3-5 Band	6	7	8	6-8 Band	HS	Cluster Totals	Domain Total
Earth and Space Science Big Ideas (Clusters)	E1: Earth & Space Science	The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate.	2	1	4	7	1	6		7	1	3	3	7	4	25	36
	E2: Earth & Space Science	The Earth and our solar system are a very small part of one of many galaxies within the Universe.	1		1	2			2	2	4			4	3	11	
Grade Band Domain Totals						9				9				11	7		

Life Science Domain - Core Idea of Knowing Science			K	1	2	K-2 Band	3	4	5	3-5 Band	6	7	8	6-8 Band	HS	Cluster Totals	Domain Total
Life Science Big Ideas (Clusters)	L1: Life Science	Organisms are organized on a cellular basis and have a finite life span.	2	1		3	2			2		4		4	3	12	44
	L2: Life Science	Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms.	1	2	2	5	2			2	4	1		5	3	15	
	L3: Life Science	Genetic information is passed down from one generation of organisms to another.		1		1			2	2			2	2	3	8	
	L4: Life Science	The unity and diversity of organisms, living and extinct, is the result of evolution.		2		2		1	2	3			2	2	2	9	
Grade Band Domain Totals						11				9				13	11		

Grade Level Standards Totals			8	11	10				8	11	12				14	12	12				28
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