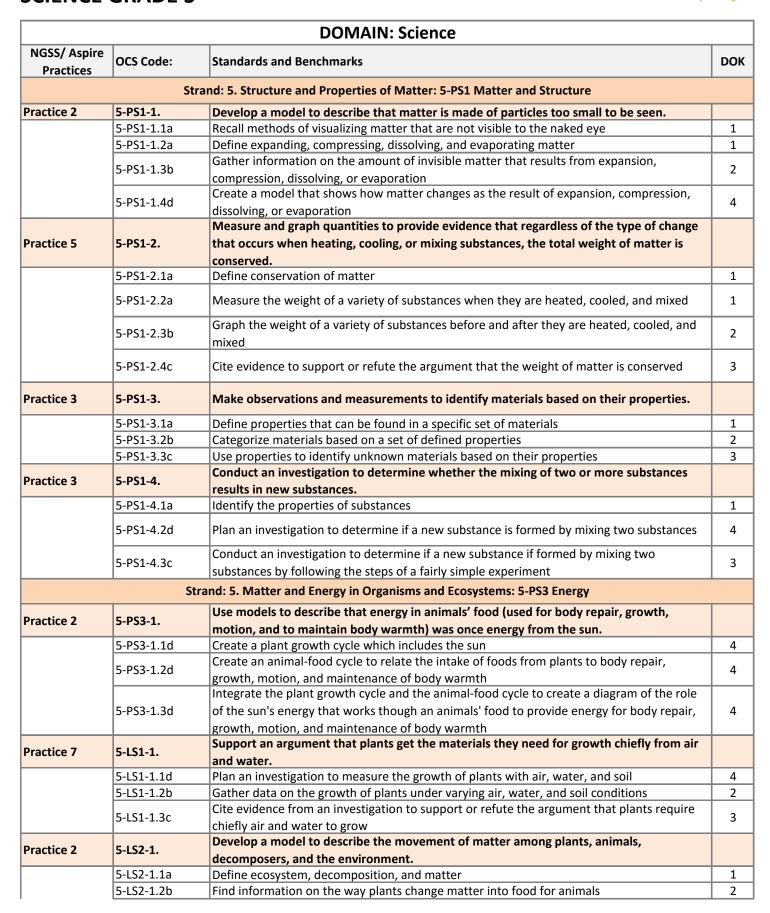
BENCHMARK REPORT SCIENCE GRADE 5





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NGSS/ Aspire Practices	OCS Code:	Standards and Benchmarks	рок
	5-LS2-1.3b	Find information on the way decomposers change matter into food for plants	2
	E I CO 1 4d	Create a web that shows the cycle of movement of matter from plants to animals to	4
	5-LS2-1.4d	decomposers to the environment	4
		Strand: 5. Earth and Space Science: 5-ESS2-1 Earth's Systems	
Practice 2	5-ESS2-1.	Develop a model using an example to describe ways the geosphere, biosphere,	
	1 11	hydrosphere, and/or atmosphere interact.	
	5-ESS2-1.1a	Define geosphere, biosphere, hydrosphere, and atmosphere	1
	5-ESS2-1.2b	Find information on the interaction between any two planetary spheres (i.e., geosphere,	2
	5 5552 4 2 L	biosphere, hydrosphere, or atmosphere)	
	5-ESS2-1.3d	Create a model that shows how two planetary spheres interact with each other	4
Practice 5	5-ESS2-2.	Describe and graph the amounts and percentages of water and fresh water in various	
	F FCC2 2.1=	reservoirs to provide evidence about the distribution of water on Earth.	1
Practice 8	5-ESS2-2.1a	Define briny water, fresh water, reservoirs, and distribution of water	1
	5-ESS2-2.2b	Gather information about the amount and percentage of briny and fresh water in a water	2
	5-ESS2-2.3b	reservoir on each continent Graph the percentages of both briny and fresh water in each reservoir	2
	J-E332-2.3U	Create a diagram that shows the distribution of both briny and fresh water on each	
	5-ESS2-2.4d	continent	4
		Obtain and combine information about ways individual communities use science ideas to	
	5-ESS3-1.	protect the Earth's resources and environment.	
	5-ESS3-1.1b	Locate information on the ways that science ideas are used to conserve resources and help	
		the environment	2
	5-ESS3-1.2b	Gather information about the ways that your community and other nearby communities	
		protect the earth by conserving resources and helping the environment	2
	5-ESS3-1.3b	Categorize the different ways communities use science ideas to conserve resources and	2
		help the environment	
St	rand: 5. Space S	ystems: Stars and the Solar System: 5-PS2 Motion and Stability: Forces and Interactions	
Practice 7	5-PS2-1.	Support an argument that the gravitational force exerted by Earth on objects is directed down.	
	5-PS2-1.1a	Define gravitational force on the Earth	1
	5-PS2-1.2b	Gather information on the direction of gravitational force exerted on objects on the earth	2
		Cite evidence to support the argument that objects fall to the Earth because of gravitational	
	5-PS2-1.3c	forces	3
		HUILES	
	Strand: 5.	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe	
	T	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe	
Practice 7	Strand: 5. 5-ESS1-1.	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe Support an argument that differences in the apparent brightness of the sun compared to	
Practice 7	5-ESS1-1.	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.	
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Practice 7	5-ESS1-1.	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the	2 4
Practice 7	5-ESS1-1.1b 5-ESS1-1.2d	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun	4
Practice 7	5-ESS1-1. 5-ESS1-1.1b	Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth	
Practice 7	5-ESS1-1.1b 5-ESS1-1.2d	Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth Represent data in graphical displays to reveal patterns of daily changes in length and	4
	5-ESS1-1.1b 5-ESS1-1.2d	Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth	4
Practice 7 Practice 4	5-ESS1-1. 5-ESS1-1.1b 5-ESS1-1.2d 5-ESS1-1.3c	Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth Represent data in graphical displays to reveal patterns of daily changes in length and	4
	5-ESS1-1. 5-ESS1-1.1b 5-ESS1-1.2d 5-ESS1-1.3c	Space Systems: Stars and the Solar System: 5-ESS1 Earth's Place in the Universe Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the	4
	5-ESS1-1.1b 5-ESS1-1.2d 5-ESS1-1.3c 5-ESS1-2.	Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Gather information about the luminosity and distance of Earth's closest stars including the sun Relate the distance of stars from the earth to their luminosity Cite evidence to support the argument that the luminosity of stars is related to their distance from Earth Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	3

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	5-ESS1-2.3b	Graph data on the length and direction of a shadow, the number of minutes of dark and	2
		light, or the monthly location of selected stars in the sky	
	5-ESS1-2.4d	Analyze data using information of the earth's position and motion to explain changes in the	4
		length and direction of a shadow, the number of minutes of dark and light, or the monthly	
		location of selected stars in the sky	