



Class and Lab Kentucky Academic Standards 2017/2018

Classes (Pre-K - 5th)

Shapes & Stuff

	KECS	Kindergarten	1 st Grade	2 nd Grade
ELA	2.1,2.2			
Science	1.1,1.2,1.3,1.4,1.5	K-2-ETS1-2	K-2-ETS1-2	2-PS1-1, 2-PS1-3
Math	1.1,1.2,1.3,1.4			MP.2, MP.4, MP.5
Social Studies				
Health and PE	1.1,1.2,1.3,1.4,1.5			

Organisms & Ecosystems

	KECS	Kindergarten	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade
ELA	1.2,2.1,2.2,3.5,4.2	W.K.2, SL.K.5	W.1.8	W.2.7	RI.3.3	W.4.1	RI.5.7
Science	1.1,1.2,1.3,1.4,1.5	K-SL1-1, K-ESS2-2, K-ESS3-1, K-ESS3-3	1-LS1-1	2-LS2-2, K-2-ETS1-1	3-LS4-3, 3-LS4-4	4-LS1-1	5-LS2-1, 3-5-ETS1-2
Math		K.MD.A.2	MP.5	MP.4, MP.5	MP.4	4.G.A.3	MP.2, MP.5
Social Studies	1.2, 1.6	2.19	2.19	2.19	2.19	2.19	2.19
Health and PE	1.1,1.2,1.3,1.4						

Energy in Motion

	KECS	Kindergarten	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade	Middle School
ELA	1.2, 2.1	SL.K.5	SL.2.5	W.2.8	RI.3.3	W.4.7, W.4.8	RI.5.7, W.5.8	WHST.6-8.7
Science	1.1, 1.2, 1.3, 1.4, 1.5	K-PS2-2	K-2-ETS1-2	K-2-ETS1-1	3-PS2-4	4-PS3-4, 4-ESS3-1	3-5-ETS1-2	07-PS2-5
Math			2.MD.D.10		MP.5	MP.2, MP.4	MP.2, MP.5	MP.2

Social Studies		2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19
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Our Dynamic Earth

	Kindergarten	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade
ELA	SL.K.3	W.2.8	RI.2.3	W.3.7	W.4.7	SL.5.5
Science	K-ESS2-1, K-ESS3-2	K-2-ETS1-1	2-ESS2-1	3-ESS3-1	4-ESS2-1, 4-ESS3-2	5-ESS2-1
Math	MP.4		MP.2	MP.2	MP.4	MP.2, MP.4
Social Studies	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19

Transformation of Matter

	Kindergarten	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade
ELA	W.2.6	W.2.6	W.2.7	W.5.8	W.5.8	W.5.8
Science	K-2-ETS1-1	K-2-ETS1-1	2-PS1-1	3-5-ETS1-3	3-5-ETS1-3	5-PS1-4
Math			MP.4	MP.2	MP.2	MP.2
Social Studies	2.18	2.18	2.18	2.18	2.18	2.18

Our Universe

	Kindergarten	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade	6 th Grade
ELA	W.2.8	W.1.8	RI.5.7	RI.5.7	RI.5.7	RI.5.9	SL.8.5
Science	K-2-ETS1-2	1-ESS1-1, 1-ESS1-2	3-5-ETS1-1	3-5-ETS1-1	3-5-ETS1-1	5-PS2-1	06-ESS1-2
Math		MP.5	MP.2	MP.2	MP.2	MP.4	MP.4
Social Studies	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20

Design Your Own Class

	K-2 nd Grade	3 rd -5 th Grade
Science	K-2-ETS1	3-5-ETS1

Labs (6th - 12th)

Our Universe

	5 th Grade	6 th Grade	7 th Grade	8 th Grade	High School
ELA	RI.5.9	SL.8.5	WHST.6-8.9	WHST.6-8.9	
Science	5-PS2-1	6-ESS1-2	MS-ETS1-2	MS-ETS1-2	HS-ESS1-4
Math	MP.4	MP.4	MP.2	MP.2	MP.2
Social Studies	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20	2.19, 2.20

Energy In Motion

	6 th Grade	7 th Grade	8 th Grade	High School
ELA	RST.6-8.3	WHST.6-8.7	RST.6-8.9	WHST.9-12.7
Science	06-PS2-1	07-PS2-5, MS-ETS1-2	MS-ETS1-3	HS-PS2-3
Math	MP.2	MP.2	MP.2	MP.4
Social Studies	2.16	2.16	2.16	2.16

Organisms and Ecosystems

	5 th Grade	6 th Grade	7 th Grade	8 th Grade	High School
ELA	RI.5.7	RST.6-8.7	WHST.6-8.2	WHST.6-8.7	WHST.9-12.2, WHST.9-12.9
Science	5-LS2-1, 3-5-ETS1-2	6-LS2-1, 6-LS2-3	7-LS1-6	8-ESS3-3	HS-LS2-7, HS-LS4-4
Math	MP.2, MP.5	6.EE.C.9	6.EE.C.9	7.EE.B.4	MP.2
Social Studies	2.19	2.19	2.19	2.19	2.19

Our Dynamic Earth

	5 th Grade	6 th Grade	7 th Grade	8 th Grade	High School
ELA	SL.5.5	WHST.6-8.9	RST.6-8.1	RST.6-8.7	WHST.9-12.7
Science	5-ESS2-1	06-ESS2-1	MS-ETS1-1	8-ESS3-2	HS-ESS2-5, HS-ETS1-3
Math	MP.2, MP.4			MP.2	MP.4
Social Studies	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19	2.18, 2.19

Transformation of Matter

	5 th Grade	5 th Grade	6 th Grade	7 th Grade	8 th Grade	High School
ELA	W.5.8	W.5.8	RST.6-8.7	RST.6-8.1	RST.6-8.1	WHST.9-12.2
Science	5-PS1-4	5-PS1-4	06-PS1-1	07-PS1-2	MS-ETS1-2	HS-ESS3-4
Math	MP.2		MP.2	MP.2	MP.2	MP.2
Social Studies	2.18	2.18	2.18	2.18	2.18	2.18

Name That Part

	Middle School	High School
ELA	RST.6-8.1	WHST.9-12.9
Science	MS-LS1-2	HS-LS1-2, HS-LS1-3
Math	MP.2	MP.2

Whose DNA

	High School
ELA	RST.6-8.3
Science	HS-LS1-1, HS-ETS1
Math	MP.2

Design Your Own Lab

	K-2 nd Grade	3 rd -5 th Grade
Science	K-2-ETS1	3-5-ETS1