Science	6	7	8 Bio		Chem	Phy
week 3	compare properties using the periodic table	compare properties using the periodic table	compare properties using the periodic table	cell structure and function, organism growth and cell differentiation	properties of matter, periodic table, atomic theory	laws of motion
week 4	investigate motion: inclined planes	investigate motion: organisms	investigate motion: newton's laws	mechanisms of genetics	chemical bonding, changes in chemical bonding: ionic bonds	natural forces in the physical world
week 5	solar system, plate tectonics	life in space, natural events	patterns of earth, plate tectonics			laws of conservations of energy and momentum
week 6	organisms and their environment, classification	organisms and their environment, cells and body systems	organisms and their environment, effects of environmental change	levels of biological systems, molecules	energy changes in chemical reactions	characteristics and behavior of waves
week 7	thinking like a scientist force, motion, & energy	thinking like a scientist matter and energy	thinking like a scientist matter and energy	organism behavior	behaviors of solutions	atomic, nuclear, and quantum phenomena
week 8	thinking like a scientist earth and space	thinking like a scientist organisms and the environment	thinking like a scientist earth and space	ecological succession, thinking like a biologist	principles of gases, nuclear chemistry, thinking like a chemist	thinking like a physicist

Social Studies	6 7		8	World Geography	World History	U S History	
week 3	south asia*	great depression and world war II*	civil war*	south asia*	industrialization and imperialism*	contemporary america (1970s - end of cold war)'	
week 4	east and southeast asia*	civil rights and conservativism*	reconstruction* east and southeast asia*		global conflicts (1914 - present)*	contemporary america (1990s - 21st century)*	
week 5	thinking like a geographer	thinking like a geographer (contemporary Texas*)	thinking like a geographer	thinking like a geographer	thinking like a geographer (contemporary and interdependent world*)	thinking like a geographer	
week 6	thinking like an economist	thinking like an economist	thinking like an economist	thinking like an economist	thinking like an economist (contemporary and interdependent world*)	thinking like an economis	
week 7	thinking like a political scientist	thinking like a political scientist	thinking like a political scientist	thinking like a political scientist	thinking like a political scientist (contemporary and interdependent world*)	thinking like a political scientist	

Social Studies	6	7	8	World Geography	World History	U S History		
week 8	thinking like a historian							
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*refer to your district scope and sequence as direct instruction may be needed in order to engage with this content

Math	6	7	8 Alg I		Geometry	Alg II
week 3	integer operations	equations/inequalities (two-step, one-variable)	equations/inequalities (one-variable, variables on both sides)	laws of exponents*	two-dimensional figures (perimeter, circumference, area)	cube and cubic root functions*
week 4	equations/inequalities (one- step, one-variable)	linear relationships represented in a table/graph/equation	linear relationships represented in a table/graph/equation	simplifying radical expressions*	two-dimensional figures (perimeter, circumference, area)	describing rational functions*
week 5	proportions represented in a table/graph/equation	linear relationships represented in a table/graph/equation	linear relationships represented in a table/graph/equation	quadratic functions*	three-dimensional figures (surface area and volume)*	solving and simplifying rational functions*
week 6	area (rectangles, parallelograms, trapezoids, triangles)	total and lateral surface area (rectangular/triangular prisms and cylinders)	total and lateral surface area (prisms, pyramids, cones, cylinders, and spheres)	quadratic functions*	three-dimensional figures (surface area and volume)*	exponential functions*
week 7	area (rectangles, parallelograms, trapezoids, triangles)	volume (rectangular/triangular prisms and pyramids)	volume (cylinders, cones, spheres)	quadratic functions*	probability*	logarithmic functions*
week 8	data analysis* (bar graph, dot graph, circle graph)	data analysis* (scatterplot)	data analysis (key features of linear functions)	arithmetic and geometric sequences*	permutations and combinations*	inverse functions*

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Reading & Writing	6	7	8	ENG I	ENG II	ENG III	ENG IV
week 3	homophones/ homographs, reading fluency, set purposes, make connections, generate ideas for writing	homophones/ homographs, reading fluency, set purposes, make connections, generate ideas for writing	homophones/ homographs, reading fluency, set purposes, make connections, generate ideas for writing	puns, reading fluency, set purposes, make connections, generate ideas for writing	puns, reading fluency, set purposes, make connections, generate ideas for writing	puns, reading fluency, set purposes, make connections, generate ideas for writing	puns, reading fluency, set purposes, make connections, generate ideas for writing
week 4	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing	idioms, ask questions during reading, make inferences, create a plan for writing

Reading & Writing	6	7	8	ENG I	ENG II	ENG III	ENG IV
week 5	puns, predictions, mental images, inferences, write drafts	puns, predictions, mental images, inferences, write drafts	puns, predictions, mental images, inferences, write drafts	oxymorons, predictions, mental images, inferences, write drafts	oxymorons, predictions, mental images, inferences, write drafts	oxymorons, predictions, mental images, inferences, write drafts	oxymorons, predictions, mental images, inferences, write drafts
week 6	alliteration, background knowledge, key ideas, revise drafts	alliteration, background knowledge, key ideas, revise drafts	alliteration, background knowledge, key ideas, revise drafts	sarcasm, background knowledge, key ideas, revise drafts	sarcasm, background knowledge, key ideas, revise drafts	sarcasm, background knowledge, key ideas, revise drafts	sarcasm, background knowledge, key ideas, revise drafts
week 7	personification, edit and publish	personification, edit and publish	personification, edit and publish	irony, edit and publish	irony, edit and publish	irony, edit and publish	irony, edit and publish
week 8	synthesize	synthesize	synthesize	synthesize	synthesize	synthesize	synthesize