

Week Of	Week 1-August 19-23 HALF DAYS	Week 2-August 26-30
Fractions	1s-Naming-Proper Fractions & Equivalence	
	2s-Addition and subtraction with like denominators, improper fractions,	
	3s-Multiplication with whole number, division with whole numbers	
Math- Common Core or otherwise		1.OA.7-Meaning of Equal Sign
	Key Lesson-Hierarchial Cube (ALL)	
Geometry		Geometric Solids (See CC)
		Review Line Concepts (line, ray, endpoint)
		31-Formation of Plane figures

Week Of	Week 1-August 19-23 HALF DAYS	Week 2-August 26-30
History		Body Measurement/Calendar A Regular Unit of Measurement A
		Our Universe Lesson
		Story of Life on Earth
Geography Continent #1 Country A		Planet earth in Space
		Earth in cross section-model and nomenclature
		Sun: Concept of size and visual images
Botany		Life Cycle of plants
		Cosmic Task of Leaves
		Cosmic Task of Flowers
Zoology		Living/NonLiving
		Intro to invert.
Physiology		
		Anatomy Male/Female
Physical Science	Safety with Experiments and rules. (Magnetic vs. non-magnetic)	Introdction to Scientific Method Process- Magnetism (Steel wool, Hairspray, salt shaker, magnet)

Week Of	Week 3-September 2-6	Week 4-September 9-13
Fractions		
Math- Common Core or otherwise	3.OA.7-By the end of 3rd grade students should know from memory all products of two one-digit numbers.	
Geometry	Triangle Drawer	Rectangle Drawer (see CC)
	Review intersecting and perpendicular lines	17-Angle introduction
	32-Two dimensions	33-Regular and Irregular Polygons

Week Of	Week 3-September 2-6	Week 4-September 9-13
History	Regular Unit of Measure Pres. B	Keeping a Journal for a Week
	3 Forms of Matter Exp. 1	Colder Than Cold Exp. 2
	Clock of Eras	Elastic Timeline
Geography Continent #1 Country A	The globe (intro)	Latitude lines
	Earth in cross section- models and nomenclature cont'd.	Earth's crust: Layer's in a jar
	Sun: Features and sun's energy	Sun: Day and night and sun's rays
Botany	Life cycle of plants	Importance of plants A & B
	Parts of a leaf	parts of a leaf cont'd
	parts of a flower	Flower Model with fill-in-blank flip cards
Zoology	Vertebrate/invert. Classes& Kinds	Story Cards Vert/invert
	intro to poriferans	poriferans- sponges
Physiology		
	Nutrition	Nutrition
Physical Science	What is hypothesis? Practice Writing a hypothesis- Magnetism (Make a Magnet-paperclips or nails)	What is the procedure? Practice writing Procedure-Magnetism. (Magnetic force fields)

Week Of	Week 5-September 16-20	Week 6-September 23-27
Fractions		
Math- Common Core or otherwise	1.MD1 & 2-Length	1.NBT.1-Extend Counting Sequence
		2.OA.1-Addition
	4.1.a-Length	3.NBT.1-Round whole numbers
Geometry	Circle Drawer	Polygon Drawer
	18-Angle Types, Acute, obtuse, right, straight, whole	18A-Reflex & convex angles
	33b-Classification of triangles	34-Triangles classification by sides

Week Of	Week 5-September 16-20	Week 6-September 23-27
History	Daily Time Line	Building a Timeline for a Year
	Cohesion/Forces of Attraction Exp. 3 and 4	Centifugal/Centripetal Force Exp/. 5-8
	Rope Timeline	Labeling the Eras
Geography Continent #1 Country A	Longitutde lines	Hemispheres (N &S)
	Earth's crust: creative drawing	tectonic plates: map
	Sun: Seasons and create a sundial	Earth's Atmosphere:layers
Botany	Importance of plants C	Importance of plants D&E
	veination of a leaf	blade simple/compound
	Kinds of Flowers	(cont.) Solitary
Zoology	essential characteristics of vert.	my vertebrate booklet
	Intro to Cnidaria	cnidaria - jellyfish
Physiology		
	nutrition	exercise
Physical Science	What are the materials needed? Practice writing materials needed. -Mechanics (Sprinklers and Rockets-can with holes & wire)	What is a conclusion? Write conclusions.- Mechanics (Stop and Go)

Week Of	Week 7-September 30-October 4	Week 8-October 7-11
Fractions		Presentation A
		Presentation B
	See Y Drive under Kayley for assessment	Presentation C
Math- Common Core or otherwise		
	Solve 1 step word problems 2.1OA	5.2a-
	1.1a-Expanded Notation Review	
Geometry	curvilinear figures	quadrilaterals
	19-Vertical Angles	20-Vertical Angles are equal
	35-Triangles classification by angles	36-Perimeter

Week Of	Week 7-September 30-October 4	Week 8-October 7-11
History	Body Measurement/Calendar The Year and its Parts	Birthday Beads
	Friction Exp. 9	Equilibrium Exp. 10
	Introduction to the Timeline of Life	Timeline of Life Presentation 2
Geography Continent #1 Country A	Hemispheres (E &W)	Zones
	Tectonic plates model	tectonic plates: booklet
	Earth 's atmosphere: density	Earth's atmosphere: usefulness
Botany	Plants through the seasons	Uses of plants
	Forms set A	Forms Set A cont'd w/art
	(cont.) Inflorescence	Calyx/Sepals
Zoology	comparisons between classes of vert	Fish
	cnidaria jellyfish	Cnidaria - hydra
Physiology		
	grooming	eye -external/internal
Physical Science	Combine parts of Scientific Method Process-Mechanics (Why do we oil machines?)	static electricity-Balloon experiments

Week Of	Week 9-October 14-16 (Fall Break)	Week 10-October 21-25
Fractions		
Math- Common Core or otherwise		1.G.2-Compose 2D or 3D shapes
		Solve 2 step word problems 2.1A Sub.
		3.NBT.2-Fluently + & - w/in 1,000
Geometry		CC: Sort shapes by a defining attribute , (# of sides)
		21-Adjacent Angles
		37-Base, Vertex & Altitude

Week Of	Week 9-October 14-16 (Fall Break)	Week 10-October 21-25
History		Story of a Lifetime
		Gravity/ Inertia Exp. 11 and 12
		Pre-Cambrian
Geography Continent #1 Country A		Globe Booklet
		Earth Movements: folding
		Weather layers
Botany		Uses of Plants/ Water
		Forms Set B
		Types of Calyx
Zoology		Fish
		Intro Platyhelminthes
Physiology		
		Experiments sense of sight
Physical Science		static electricity-Comb experiements (plastic comb, wool carpet, coat or sweater)

Week Of	Week 11- October 28-November 1	Week 12-November 4-8
Fractions	Presentation B	
	Review Pres. G Red A; 1-36	
	Review Pres. M yellow c: 1-24	
Math- Common Core or otherwise	1.OA.2-Solve word problems of 3 whole #s	
	2.4A Use addition to find total # of objects in a rectangular array	
	4.1a-Weight	3.NBT.3-Multiply 1 digit whole #s by 10
Geometry	1-solids and hoops: Solid	2-Solids & Hoops: Surface
	22-Complementary Angles	23-Supplementary Angles
	38A-Classify by color, shape, size	38B-Detective Adjective

Week Of	Week 11- October 28-November 1	Week 12-November 4-8
History	Timeline of My Life	Body Measurement/ Calendar Timeline of My Family
	Galaxies	Milky Way
	Cambrian Period	Ordovician Period
Geography Continent #1 Country A	Earth Extensions	Maps of the earth (flap map grapefruit)
	Earth movement: folding	Earth Movement: Faulting Nomenclature and model
	weather define	Weather elements
Botany	Food Chains	Food Chains
	Forms Set B	Margins: entire/indented
	(cont.) Gamosepalous	(cont.) Polysepalous
Zoology	Fish	Fish
	Intro flatworms	Intro - Nematodes
Physiology		
	Parts of the ear	Parts of Nose
Physical Science	static electricity	electricity

Week Of	Week 13-November 11-15	Week 14-November 18-22
Fractions	Pres. C	
	Pres. H & I Red A; 37-44	
	Review Operations +, -, x Yellow C; 25-36	
Math- Common Core or otherwise		1.NBT.5-Mentally find 10 more or less
		2.4 Compare 3 digit nuers
	3.OA.9-Identify arithmetic patterns & ex	1.1b-Repenting whole #s
Geometry	3-Solids & Hoops: Line	4-Solids & hoops: Point
	24- Interior and Exterior Angles	Extensions: Angles
	39-Features of a Triangle Packet	40-Parts of a Triangle II (Packet)

Week Of	Week 13-November 11-15	Week 14-November 18-22
History	Golden Bead Material	Golden Bead Extension
	Formation of a Star	Life of a Star
	Silurian Period	Devonian Period
Geography Continent #1 Country A	globe skin map	Mercator Map
	Earth Movement: Faulting and Model	Earth Movements:Earthquakes nomenclature and model
	Weather experiments	Weather Global atmospheric movement
Botany	Food Chains	There Once Was a Daisy
	Pinnate Margins	Palmate Margins
	Position of the Calyx	Corolla/ Petals
Zoology	Fish	Amphibians
	nemo. Roundworms	Intro Annelids
Physiology		
	Parts of tongue	Teeth
Physical Science	electricity-	Heat- How heat blows up a balloon (jar, balloon, candle)

Week Of	November 25-29 Thanksgiving Break	Week 15-December 2-6
Fractions		Presentation D
		Review Pres. H & I Red; A 37-44
		Pres. N Blue D; 1-12, Blue I; 1-4
Math- Common Core or otherwise		
		2.6 NBT add up to 4 2-digit #s
Geometry		5-Solid to point
		CC: Draw shapes having a given number of angles or sides.
		41- Parts of a Triangle III. Packet Angles & Sides

Week Of	November 25-29 Thanksgiving Break	Week 15-December 2-6
History		Grammar and Time
		Constellations
		Carboniferous Period
Geography Continent #1 Country A		Planisphere map
		Earth Movement: Earthquakes Cont'd
		weather day and night breezes
Botany		There Once Was a Daisy
		Dented margins
		Types of Corolla
Zoology		Amphibians
		Ann. Earthworms
Physiology		
		teeth
Physical Science		Heat-Why sidewalks have spaces (nail, tin can, pliers, hammer)

Week Of	Week 16- December 9-13	Week 17-December 16-20
Fractions		
Math- Common Core or otherwise		
	2.8NBT Mentally add 10 or 100 to a given number	
	3.OA.6 Understand division as an unknown-factor problem	
Geometry	6-Golden Bead point to solid	7-Three Dimensions
	CC: Identify triangles, quadrilaterals, pentagons, hexagons and cubes	25-Measurement of Angles Introduction. $<$, $>$ a right angle
	42- Features of a triangle	43-Features of a Right Angled Triangle (sides)

Week Of	Week 16- December 9-13	Week 17-December 16-20
History	Body Measurement/ Calendar Life Size Clock	Telling Time with an Analog Clock
	Birth of the Solar System	The Sun
	Mississippi Period	Pennsylvanian Period
Geography Continent #1 Country A	Naming of Continents	Naming of Oceans
	Maps distribution-earthquakes	Volcano Nomenclature and model
	Wind vane	water cycle
Botany	Needs of Plants - Experiments	Experiments Cont'd
	Compound Leaves palmate/pinnate	Compound Leaves Palmate/Pinnate cont'd
	(cont.) Gamopetalous	(cont.) Polypetalous
Zoology	Amphibians	Amphibians
	Ann. Leeches	Leeches
Physiology		
	skin	intro to circulatory system
Physical Science	Heat-Fun with ice and salt	air-(Narrow necked bottle, boiled egg w/no shell)

Week Of	Winter Break December 23-27	Break December 30-Jan 2. Friday Jan 3
Fractions		
Math- Common Core or otherwise		
Geometry		

Week Of	Winter Break December 23-27	Break December 30-Jan 2. Friday Jan 3
History		
Geography Continent #1 Country A		
Botany		
Zoology		
Physiology		
Physical Science		

Week Of	Week 18-January 6-10	Week 19-January 13-17
Fractions	Pres. E	1.OA.4-Unknown Addend
	Pres. K, Green B; 1-22	2.6 MD Represent Whole #s on a # line
	Review Pres. N Blue D; 1-12, Blue I; 1-4	3.OA.8-Solve 2 step word problems using all operations
Math-Common Core or otherwise		
	2.8 NBT Mentally subtract 10 or 100	
	Review Laws	
Geometry	Line Extensions:	Line Extensions:
	26-Montessori Protractor Introduction	27-Use of Clear protractor
	44-Formation of 7 Quadrilaterals	45-Characteristics of a Common Quadrilateral

Week Of	Week 18-January 6-10	Week 19-January 13-17
History	Body measurement/ Calendar Telling Time to the Hour	Telling Time to the Hour
	The Solar System Black Mat and the Planets	The Planets/ Mercury Rope to show the distance between
	Permian Period	Mesozoic Era (Day of the Dinosaurs)
Geography Continent #1 Country A	Continent and Ocean Extensions	Classroom Orientation
	Volcano Nom. And Models	Maps distribution of volcanos
	Clouds and formation	Precipitation
Botany	Care of Plants A & B	Care of Plants C & D
	Compound imparapinnate/parapinnate	Leaf Activity #1
	Make watercolor Corolla and Calyx model	Edible and Poisonous Flowers
Zoology	Amphibians	Reptiles
	Intro to mollusca	Snails
Physiology		
	Circulatory system	Respiratory sys
Physical Science	air-Does air take up space? Bottle, handkerchief	air

Week Of	Week 20-January 20-24 (MLK Day)	Week 21-January 27-31
Fractions	Review Pres. A-E, Pres. F White E; 1-19	
	Review Pres. K, Green B; 1-22	
	Review +,-,x,/ Blue D; 13-20	
Math- Common Core or otherwise		1.OA.6-Fluently add/subtract w/in 20
	2.6MD Represent Whole #s on a # line	
	3.2a & 3.2b-Transformations & Congruence	
Geometry	8-Line,Ray, Line Segment, Endpoint	9-Horizontal Lines
	Extensions: Measurement of Angles	28-Drawing Angles
	46-Characteristics of the Parallelogram	47-Characteristics of the Kite-shaped quadrilateral

Week Of	Week 20-January 20-24 (MLK Day)	Week 21-January 27-31
History	Telling Time to the Hour	Telling Time to the Half Hour
	Venus	Earth
	Triassic Period	Dinosaur Lessons
Geography Continent #1 Country A	Map Orientation	Map Orientation
	Charts Volcanoes	Geyser Intro
	Plain Gauge	Temperature
Botany	Parts of Plants Overview	Root Types
	Leaf Activity #2	Leaf Activity #3
	Medicinal Flowers	Birthday/ month of year/ state flowers
Zoology	Reptiles	Reptiles
	Clams	Octopus
Physiology		
	respiratory system cont'd	Digestive System
Physical Science	air	water. Level 3's Microscope Introduction. (Parts of a microscope)

Week Of	Week 22-February 3-7	Week 23-February 10-14
Fractions	Review Cards White E; 1-19	
	Review +, - Green B; 23-35	
	Review Blue D; 13-20	
Math- Common Core or otherwise		1.G1-Distinguish between attributes
	2.9 MD Use the results of measurement to create a line plot	
	3MD.2-Measure and estimate liquid volumes using 4 operations	
Geometry	10-Vertical Lines	11-Horizontal, Vertical, and oblique Lines
	29-Bisecting an Angle	30-Bisecting an Angle-calculation
	48-Classification of Trapezoids	Review/Extensions Quadrilaterals

Week Of	Week 22-February 3-7	Week 23-February 10-14
History	Body Measurement/Calendar Telling Time to the Half Hour	Telling Time to the Half Hour
	Mars	Jupiter
	Dinosaur Lessons (from Digging with Dinosaurs)	Jurassic Period
Geography Continent #1 Country A	Compass Rose	Compass Rose
	Gyser experiments	Igneous Rocks: labels
	Pressure	anemonmeter/barometer
Botany	Roots-Swollen	Roots-Parts
	Leaf Activity #4	Leaf Acitvity #5
	Androesium/ Stamen	(cont.) Filament
Zoology	Reptiles	Birds
	Octopus	Intro Echinoderms
Physiology		
	Excretory system	Endocrine system
Physical Science	water	water

Week Of	Week 24-February 17-21 (Presidents D	Week 25-February 24-28
Fractions	Review	
	Review	
	Kaley Y drive work-Fractions of inch, fraction strips	
Math- Common Core or otherwise	1.G.1-Distinguish between defining attributes	
	2.10MD Draw a picture graph and bar graph	
	3.MD.4-measure using a line plot marking off whole #s, halves or quarters	
Geometry	11A-Adjacent and Consecutive Segments	12-Parallel Lines
	Angle review A (parts of an angle)	angle review B (Types of angles)
	Review/Extensions Quadrilaterals	Review/Extensions Quadrilaterals

Week Of	Week 24-February 17-21 (Presidents D	Week 25-February 24-28
History	Telling Time to the Quarter Hour	Telling Time (Quarter After)
	Saturn	Uranus
	Read a Dinosaur Named Sue/Grow Triops	Dinosaur Lessons/ Research
Geography Continent #1 Country A	Land Forms - Lake/Island	Land Forms Bay/Cape
	sedimentary rocks:examples	sedimentary rocks: labels
	Recording weather information. Weather Charts	KWI Station model
Botany	Types of Stems	Parts of a Stem
	Leaf Experiments	Leaf Experiments
	(cont.) Anther	(cont.) Pollination
Zoology	Birds	Birds
	Starfish	Sea urchins
Physiology		
	Skeletal system	skeletal cont'd
Physical Science	light	light

Week Of	Week 26-March 3-7	Week 27-March 10-14
Fractions		
		Blank fraction circles, Blue I; 13-20
Math- Common Core or otherwise	1.NBT.3-Compare 2, 2-digit #s, <,>,$=$	
		2.2G Partition rectangle into rows and columns with same size
	1.1d <,>,$=$ on number line	
Geometry	13 &14-Divergent and Convergent Lines	15-16 Intersecting & perpendicular lines
	Angle review C (Relationship)	Extensions:Angles
	CC: Understand that area is measured in square units	CC:Count unit squares to measure area

Week Of	Week 26-March 3-7	Week 27-March 10-14
History	Body Measurement/Calendar Telling Time (Quarter to)	Hello Wood Clock (Telling Time to nearest Five Minutes)
	Neptune	Play of the Planets
	Cretaceous Period	Dinosaur Research
Geography Continent #1 Country A	Land Forms: Strait/Isthmus	Land Forms: System of Lakes/Archipelago
	metamorphic rocks:examples	metamorphic rocks-labels
	Weather maps: Find stations	Weather maps: read symbols
Botany	Shrubby, woody and herbaceous stems	Types of underground stems
	Leaf Experiments	Leaf Experiments
	Pistil	(cont.) Stigma e.g. saffron is stigmas from crocus flower
Zoology	Birds	Birds
	Intro to Arthropods	Insects
Physiology		
	Spinal column/vertebra	Label bones
Physical Science	light	sound

Week Of	Week 28-March 17-21	Week 29-March 24-28
Fractions		
	May need lessons on <,> least to greatest	
Math- Common Core or otherwise		
Geometry	Extensions: Drawing and naming line types	Extensions: Practical use of line concepts
	CC: Review Triangles, quadrilaterals, pentagons, hexagons and cubes	CC: Partition rectangle into squares and count the squares
	CC: Relate area of a rectangle to multiplication	CC: Solve real world problems involving area

Week Of	Week 28-March 17-21	Week 29-March 24-28
History	Telling Time to nearest Five Minutes	Telling Time to nearest Five Minutes
	Solar System Salad	Moon
	Field Trip to Utah Natural History Museum	Make Your Own Timeline
Geography Continent #1 Country A	Land Forms : Penninsula/Gulf	Land Forms: Extensions & Nomenclature
	rock cycle-classification	Rock cycle-types
	Warm/Cold Fronts	Warm/Cold Fronts Accompanying weather
Botany	Types of underground stems	stem experiments
	Cross Section of a tree	Parts of a tree
	(cont.) Style	(cont.) Gynoecium/ Carpel
Zoology	mammals	mammals
	Insects	insects
Physiology		
	Muscles	nervous system
Physical Science	sound	sound

Week Of	Spring Break March 31-April 4	Week 30-April 7-11
Fractions		
		Fractions Assessments
Math- Common Core or otherwise		
Geometry		

Week Of	Spring Break March 31-April 4	Week 30-April 7-11
History		
Geography Continent #1 Country A		Blue/Green Pictures
		rock cycle- cont'd
		Weather anomalies -thunder
Botany		geometric patterns of plants
		Importance of trees to man
		Types of Gynoeciums
Zoology		mammals
		spiders
Physiology		
		nervous (cont'd)
Physical Science		chemistry

Week Of	Week 31-April 14-18	Week 32-April 21-25
Fractions		
Math- Common Core or otherwise		
Geometry	Line review A	Line review B
	CC: Extensions	Command Cards: (1-4) Plane Insets
	CC: Represent products as rectangular areas	CC: Use area to represent distributive property

Week Of	Week 31-April 14-18	Week 32-April 21-25
History	Telling Time to the Nearest Minute	Telling Time to the Nearest Minute
	Moon Phases	Solar Eclipses
	Cenezoic Era	Read the Dawn of Life
Geography Continent #1 Country A	Landform booklet and definitions	Land Forms on a World Map
	minerals and crystals	Ore: metals/nonmetals
	lightening	hurricanes
Botany	geometric patterns	
	Identifying trees by leaves	Adopt a tree
	(cont.) Hypogynous e.g. Bringal and China Rose	(cont.) Epigynous e.g. Plum and Rose
Zoology	mammals	mammals
	spiders	Spiders
Physiology		
	brain	brain
Physical Science	chemistry	chemistry

Week Of	Week 33-April 28-May 2	Week 34-May 5-9
Fractions		
Math- Common Core or otherwise		
Geometry	Line Concepts	17-Angle Introduction
	Command Cards: (5 & 6) Constructive Triangles	Command Cards: (7-9) Pin Wheel
	CC:Find area by decomposing figures to make rectangles	CC:Review Quadrilaterals

Week Of	Week 33-April 28-May 2	Week 34-May 5-9
History	Telling Time to the Nearest Minute	A Whole Day
	Comets/Asteroids	My Address in the Universe
	Timeline of Plant Life	Research Era
Geography Continent #1 Country A	Detailed Continent Studies. Reports, etc.	Detailed Continent Studies. Reports, etc.
	test for minerals-Calcite test	test for minerals hardness
	Tornadoes	Blizzards
Botany		
	parts of a twig	research types of trees
	(cont.) Perigynous e.g. Guava and Cucumber	Carnivorous Flowers
Zoology	mammals	tracing skeletons of vertebrates
	Crabs	Scorpions
Physiology		
	review	my body chart
Physical Science		

Week Of	Week 35-May12-16	Week 36-May 19-23
Fractions		
Math- Common Core or otherwise		
Geometry	18-Angle types	

Week Of	Week 35-May12-16	Week 36-May 19-23
History	Sundial	Military Time
	Astronomers Research	Astronomers Reasearch
	Era Research	Bloom's Taxonomy Activity
Geography Continent #1 Country A	Detailed Continent Studies. Reports, etc.	Detailed Continent Studies. Reports, etc.
	test for minerals:colors & Streak	test for minerals:colors & Streak
	Extensions or reports	Extensions or reports
Botany	plant salad	plant salad
	Research types of trees	Research types of trees
	Drying Flowers: make sachets, pressing for book marks etc.	Flower research reports
Zoology	state s vertebrates	state s vertebrates
	teacher/student choice	teacher/student choice
Physiology		
	my body chart	my body chart
Physical Science		

Week Of	Week 37-May 26-May 30	
Fractions		
Math- Common Core or otherwise		
Geometry		

Week Of	Week 37-May 26-May 30	
History		
Geography Continent #1 Country A		
Botany		
Zoology		
Physiology		
Physical Science		