

GRADE 7 SCIENCE 2015-2016

DRAFT

1ST SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Aug 24- Aug 28	5	7.1-7.4	Science Safety Procedures, Symbols, MSDS, Equipment
WEEK 2	Aug 31 - Sept 4	5	7.1-7.4	Scientific Method
WEEK 3	Sept 7 - Sept 11	5	7.1-7.4	Metric Measurements
WEEK 4	Sept 14 - Sept 18	5	7.5a-c	Flow of Energy through an Ecosystem: abiotic vs biotic, types of consumers,
WEEK 5	Sept 21 - Sept 25	5	7.5a	Radiant Energy through Photosynthesis
END OF 1ST SIX WEEKS		25		
2ND SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Sept 28 - Oct 2	5	7.5c	Food chains, webs, and energy pyramids
WEEK 2	Oct 5 - Oct 9	2	7.5b	Demonstrate the cycling of matter within living systems such as biomass in a compost bin
	Oct 7 - Oct 9	3	7.10b	describe how biodiversity contributes to sustainability of an ecosystem
WEEK 3	Oct 12 - Oct 16	4.5	7.10a	Observe and describe how different environments support different varieties of organisms
WEEK 4	Oct 19 - Oct 23	5	7.8a	Predict and describe how catastrophic events impact ecosystems
WEEK 5	Oct 26 - Oct 27	2	7.8a	Predict and describe how catastrophic events impact ecosystems
	Oct 28 - Oct 30	3	7.10c	Ecological succession
END OF 2ND SIX WEEKS		24.5		
3RD SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Nov 2 - Nov. 6	5	7.8b	Weathering, erosion, deposition
WEEK 2	Nov 9 - 12	4	7.8c	Human effects on groundwater and surface water
	Nov. 13	1	n/a	REVIEW FOR BENCHMARKS
WEEK 3	Nov 16 - Nov 20	5	n/a	BENCHMARKING
THANKSGIVING	Nov 23 - Nov 27			HOLIDAY
WEEK 4	Nov 30 - Dec 1	2	7.12f	Cell theory
	Dec 2 - Dec 4	3	7.12d	Differentiate between plant and animal cell
WEEK 5	Dec 7 - Dec 8	2	7.12d	Differentiate between plant and animal cell
	Dec 9 - Dec 11	3	TEKS	REVIEW FOR FINAL EXAMS
WEEK 6	Dec 14 - Dec 18	4	TOUGHT	FINAL EXAMS
END OF 3RD SIX WEEKS		29		
1ST SEMESTER TOTAL DAYS		78		
CHRISTMAS BREAK:	Dec 21 - Jan 1			HOLIDAY
4TH SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Jan 4 - Jan 6	3	7.12e	Functions of cell to body systems
	Jan 7 - Jan 8	2	7.12c	Recognize levels of organization in plants/animals
WEEK 2	Jan 11 - 15	5	7.14b	Types of reproduction
WEEK 3	Jan 18 - Jan 19	1.5	7.14c	Traits are governed in the genetic material in genes
	Jan 20 - Jan 22	3	7.14a	Heredity is passing information
WEEK 4	Jan 25 - Jan 27	3	7.11b	Variation within Populations
	Jan 28 - Jan 29	2	7.11c	Natural Selection
WEEK5	Feb 1 - Feb 5	5	7.12a	Internal Structures of organisms/Adaptations that allow survival
WEEK 6	Feb 8 - Feb 12	5	7.11a	Dichotomous Keys
WEEK 7	Feb 15 - Feb 16	2	7.13a	External Stimuli and Response
	Feb 17 - Feb 18	2	7.13b	Internal Stimuli and Response
	Feb. 19	1	n/a	REVIEW FOR BENCHMARKS
END OF 4TH SIX WEEKS		34.5		
5TH SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Feb 22 - Feb 25	3.5	n/a	BENCHMARKING
WEEK 2	Feb 29 - Mar 4	5	7.12b	Main Functions of the Body Systems
WEEK 3	Mar 7 - Mar 11	5	7.12b	Main Functions of the Body Systems
SPRING BREAK	Mar 14 - Mar 18			HOLIDAY
WEEK 4	Mar 21 - Mar 25	5	7.12b	Main Functions of the Body Systems
WEEK 5	Mar 28 - Apr 1	5	n/a	STAAR TESTING
WEEK 6	Apr 4 - Apr 5	2	7.6b	Physical and chemical changes in the digestive system
	Apr 6 -Apr 8	3	7.6a	Organic Compounds
WEEK 7	Apr 11 - Apr 15	5	7.6c	Transfer of energy and the breakdown on molecules
END OF 5TH SIX WEEKS		33.5		
6TH SIX WEEKS	CALANDER DAYS	INS. DAYS	TEKS	LESSON FOCUS
WEEK 1	Apr 18 - Apr 21	5	7.9a	Characteristics of the Solar System and Proximity
WEEK 2	Apr 25 - Apr 29	5	n/a	STAAR TESTING
WEEK 3	May 2 - May 6	5	7.9b	Space Exploration
WEEK 4	May 9 - May 13	5	7.7c	Forces that affect Motion
WEEK 5	May 16 - May 17	2	7.7a	Contrast situations where work is done with different amount of force
	May 18 - May 20	3	ALL	REVIEW FOR FINAL EXAMS
WEEK 6	May 23 - May 27	5	TEKS	FINAL EXAMS
WEEK 7	May 30 - Jun 3	3	n/a	8th Grade Objectives
END OF 6TH SIX WEEKS		33		
2nd SEMESTER - TOTAL DAYS		101		
YEARLY TOTAL DAYS		179		