

Introduction to Agriculture

Etna High School Agriculture Dept.

Course Outline

UNIT	TOPIC	STANDARDS	LENGTH
Introduction to Agriculture Science supplements	<ul style="list-style-type: none"> - FFA Leadership Development - Importance of Agriculture - California, US, & World Agriculture - Leadership Opportunities and FFA - Introduction of Recordkeeping (Recordbooks) 	Agriscience Pathway: C 1.1-1.6 Foundation: 1.1, 1.2 C 2.1-2.5 Agriscience Pathway: 3.1-3.6, 9.1-9.6, Foundation: 2.1-2.4 3.0-11.0	3 weeks
Introduction to Science Chapters 1 +	<ul style="list-style-type: none"> - Scientific Method - Understanding Charts & Graphing - Measurements - Scientific Notation - Inference vs. Observation 	Investigat. & Experim: 1 a-d, f, g, k, l, n Foundation: 1.1, 1.2 Agriscience Pathway: 1.2 a-f, 1.2 l-m Foundation: 2.1-2.4 3.0-11.0 C 13.1-13.3	1 week
Matter & Energy Chapters 2 +	<ul style="list-style-type: none"> - Composition & States of Matter - Periodic Table - Atoms, Elements, Compounds & Molecules - Solutions - Energy Transfer - Law of Conservation of Energy & Newton's Laws 	Earth Science: 7 a, b Chemistry: 1 a-e, 2 a, c 3 a-c, 4 a-b 5 a-b, d	2 weeks
Rocks & Minerals Chapters 10-12 +	<ul style="list-style-type: none"> - Mineral Properties & Composition - Rock Cycle - Identification and Classification - Physical & Chemical Erosion - Soil Horizons & Classification 	Earth Science: 3 c, 9 a	1.5 weeks
Geology Chaps. 3, 7 +	<ul style="list-style-type: none"> - Earth's Structure - Topographic Maps 	Investigat. & Experim: 1h Earth Science: 3 a-c, e, f, 9 b	1.5 weeks
END OF QUARTER ONE			9 weeks
Geology (cont.) Chapters 8-9 +	<ul style="list-style-type: none"> - Plate Tectonics - Mid-ocean Ridges, Sea-floor Spreading - Subduction Zones - Volcanoes & Earthquakes 	Earth Science: 3 a-c, d, f 9 b	2.5 weeks
Meteorology Chapters 14, 16-17, 24-25 +	<ul style="list-style-type: none"> - The Atmosphere - Atmospheric Temperature & Pressure - Humidity, Clouds and Precipitation - Weather & Climate - Hydrologic Cycle & Oceanography 	Earth Science: 4 a-c, 5 a-d, 6 a-c, 8 a	2.5 weeks
Astronomy Chapters 3-6	<ul style="list-style-type: none"> - Earth and the Earth's Moon - Star Lifecycle & Classification - The Solar System & Galaxies 	Earth Science: 1 a-f, 2 a-d	2 weeks
Ag. Leadership	<ul style="list-style-type: none"> - Leadership and Public Speaking Skills - Ag. Literacy/Project Powerpoint presentations 	Agriscience Pathway: 3.1-3.6, 9.1-9.6 Foundation: 1.1, 1.2 2.1-2.4 3.0-11.0	2 weeks
FINALS			1 week
END OF TERM			19 weeks