

Carrie Jones

Earth Science Schedule

Spring 2013

Middle Creek HS

Apex, NC

Date	Day	Standard	Specific Topics
January 28	1	First Day	Rules, Procedures
January 29	2	Lab-Related	Scientific Method, Measurement, etc.
January 30	3	Lab-Related	Scientific Method, Measurement, etc.
January 31	4	1.1.1, 1.1.2	Earth Properties, Precession, Seasons, Nutation, Barycenter
February 1	5	1.1.1, 1.1.2	Earth Properties, Precession, Seasons, Nutation, Barycenter, Vocabulary Quiz
February 4	6	2.1.2	Maps, Topographic Maps
February 5	7	2.1.2	Maps, Topographic Maps
February 6	8	2.1.1	Plate Tectonics
February 7	9	2.1.1	Plate Tectonics Mountains
February 8	10	2.1.1	Plate Tectonics Earthquakes, Vocabulary Quiz
February 11	11	2.1.1	Plate Tectonics Volcanoes
February 12	12	2.1.4, Review/ Test	Review/Unit Test
February 13	13	2.1.1	Chemistry / Minerals
February 14	14	2.1.1	Rocks / Rock Cycle / Geologic Time
February 15	15	2.1.1	Catch Up Day, Vocab Quiz (ER)
February 19	16	2.2.2 , 2.8.1	Energy
February 20	17	2.2.2 , 2.8.1	Energy
February 21	18	2.2.2 , 2.8.1	Energy
February 22	19	2.8.4, 2.2.1	Natural Resources, Reduce, Reuse, Recycle, Mining
February 25	20	Review/Test	Review/Unit Test
February 26	21	2.1.3	Weathering, Erosion, Soils
February 27	22	2.1.3	Weathering, Erosion, Soils
February 28	23	2.2.1, 2.8.2	Agriculture, Urbanization, Deforestation
March 1	24	2.8.3, 2.8.4	Population, Biotic/Abiotic, Biodiversity, Vocab Quiz
March 4	25	2.8.3, 2.8.4, 2.7.3	Population, Biotic/Abiotic, Biodiversity
March 5	26	2.8.3, 2.8.4, 2.7.3	Population, Biotic/Abiotic, Biodiversity, Invasive Species
March 6	27	2.3	Hydrosphere – Freshwater, Water Cycle, Rivers, Basins, Aquifers, Water Sheds, Floods
March 7	28	2.3	Hydrosphere – Freshwater, Water Cycle, Rivers, Basins, Aquifers, Water Sheds, Floods
March 8	29	2.3	Hydrosphere – Freshwater, Water Cycle, Rivers, Basins, Aquifers, Water Sheds, Floods, Vocab Quiz
March 11	30	2.4.1, 2.4.2	Human Influence on Water Sheds, Wells, Dams, Aquifers,

March 12	31	2.4.1, 2.4.2	Population, Pollution (point/non-point), Water Treatment, Aquaculture, Water Quality (biotic/abiotic)
March 13	32	2.4.1, 2.4.2	Human Influence on Water Sheds, Wells, Dams, Aquifers, Population, Pollution (point/non-point), Water Treatment, Aquaculture
March 14	33	2.4.2	Estuaries, Coastal, Tides
March 15 (ER)	34	Review	Vocab Quiz
March 18	35	2.4.2	Estuaries, Coastal, Tides
March 19	36	2.4.2	Estuaries, Coastal, Tides
March 20	37	2.4.2	Estuaries, Coastal, Tides
March 21	38	2.3.1	Oceans
March 22	39	2.3.1	Oceans
March 25	40	2.3.1	Oceans
March 26	41		Midterm
March 27 (End Q)	42	Review	Make-up work day
Date	Day	Standard	Specific Topics
April 8	43	2.5.1	Weather - Atmosphere
April 9	44	2.5.5	Air Pollution, Acid Rain, CFC's
April 10	45	2.5.1	Weather – Water in the Atmosphere, Clouds
April 11	46	2.5.1	Weather – Water in the Atmosphere, Relative Humidity, Dew Point
April 12	47	2.5.2	Weather – Fronts , Air Masses, Vocab Quiz
April 15	48	2.5.2	Weather – Fronts , Air Masses
April 16	49	2.5.2	Weather – Fronts , Air Masses
April 17	50	2.5.3	Severe Weather + Safety
April 18	51	2.5.3	Severe Weather
April 19 (ER)	52	2.5.3	Severe Weather, Vocab Quiz
April 22	53	2.5.4	Weather Technology, Maps/Charts/ Satellites
April 23	54	2.5.4	Weather Technology, Maps/Charts
*April 24	55	2.7.1, 2.6.1, 2.6.2	Climate/Biomes (Including Animals, Rain, Temp, Altitude, Plants)/Global Climate, Greenhouse Effect, Ocean Acidification, Sea Level Changes, El Nino and other Natural Processes effecting Global Warming, Koppen Classification System
*April 25	56	2.7, 2.6.1, 2.6.2	Climate/Biomes/Global Climate
*April 26	57	2.7, 2.6.1, 2.6.2	Climate/Biomes/Global Climate, Vocab Quiz
*April 29	58	2.6.4	Glaciers/Ice Ages
April 30	59	Review	Review/Catch Up day
May 1	60		Unit Test
May 2	61	Tie 2.6.4 back to 1.1 (Astronomy), 1.2	Sun vs. a Planet, Galaxy, Earth Movements, Moon (Tides + Earth's shape), Kepler's Laws, Big Bang, Barycenter/Nutation, etc.
May 3	62	1.1.1, 1.1.2	Sun vs. a Planet, Galaxy, Earth Movements, Moon (Tides), Kepler's Laws, Big Bang, Barycenter/Nutation, etc. , Vocab

			Quiz
May 6	63	1.1.2	Sun vs. a Planet, Galaxy, Earth Movements, Moon (Tides), Kepler's Laws, Big Bang, Barycenter/Nutation, etc.
May 7	64	1.1.3	Sun, Fission vs. Fusion, Electromagnetic Radiation
May 8	65	1.1.4	Re-visit Earth Properties – (Sun/Earth Relationships) -Photosynthesis, Energy Flow, Magnetic Field, Sun Differential Heating
May 9	66		Review / Unit Test
May 10	67		(Safety Net/Snow Day)
May 13	68		(Safety Net/Snow Day)
May 14	69		(Safety Net/Snow Day)
May 15	70		(Safety Net/Snow Day)
May 16	71		(Safety Net/Snow Day)
May 17	72		(Safety Net/Snow Day)
May 20	73	Review	Review ES 2.1
May 21	74	Review	Review ES 2.2
May 22	75	Review	Review ES 2.4
May 23	76	Review	Review ES 2.3
May 24	77	Review	Review ES 2.7
May 28	78	Review	Review ES 2.8
May 29	79	Review	Review ES 2.5
May 30	80	Review	Review ES 2.6
May 31	81	Review	Review ES 1.1
June (exams)			Extra Time = Practice Questions

Resources for Climate Unit:

LEARN NC Website: <http://www.learnnc.org/search?area=&phrase=climate>

NOAA: <http://www.noaa.gov/climate.html>

Blue Planet: <http://www.blueplanetbiomes.org/climate.htm>