

Scope and Sequence 16-17 8th grade Science Tri 3

Week	Standards	Instructional Content	Activities	Assessments
1	8.3.5 Lit - Compare and Contrast, Math - graphing	Differentiate between inherited and aquired traits	activity 54, 56	quiz (inherited and aquired traits)
2	8.3.1, 8.3.2 Lit - using Venn diagram, marking the text	compare sexual and asexual reproduction	activity 57	test (inherited and aquired traits, sexual and asexual reproduction)
3	8.3.3, 8.3.4, Math - Ratio, probability	describe how traits are inherited and explain dominant and recessive traits	activity 58, 59, 60	quiz (inheritance, dominant/recessive traits)
4	8.3.3, 8.3.4 Math - Ratio, Probability	creating and using punnett squares, define heterozygous and homozygous alleles, ratio	activity 61, sponge bob punnett square worksheet, ratio worksheets	exit ticket (Punnett Square)
5	8.3.3, 8.3.4 Lit- Writing a Summary	describe how genes are inherited, cell division, and mutations	activity 63,65	quiz (inheritance, dominant/recessive traits, Punnett Squares, cell division, mutations)
6		review	review	midterm (inerted/acquired traits, sexual/asexual reproduction, inheritance, dominant/recessive traits, Punnett Squares, cell division, mutations)
7	8.3.9 Literacy-Raise essay	Differentiate between endangered and extinct species, research the causes of extinction	Activity 89 and elephant research	Should we save the elephant essay
8	8.3.6 Lit - observation v. inference	observation/inference, formation of fossils	activity 90-91	quiz (observation/inference, formation of fossils)
9	8.3.7 Math - number line, negative numbers	create a time- line, determine how geologic time is divided, and read a stratigraphic column	activity 92 and 93	Test (endangered/extict species, observation/inference, formation of fossils, geologic time)
10	8.3.7, 8.3.8 Lit- creating and using a T-chart	natural selection and speciation	activity 94 and 95 or 96, 97	quiz (natural selection)
11	8.3.6	Similar bone structure and DNA	activity 99	Test (Evidence of evolution, natural selection)
12	all of the above	Review	Review	Finals(science skills, periodic table, genetics, evolution)