

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Dinosaur Detectives

Objectives	Assessment/Evaluation	Instructional Activities
<p>(A) Compose a business letter with a clearly stated purpose</p> <p>Performance: 1.1, 1.2, 1.5, 1.8 Knowledge: (CA) 1, 4 CAGLE: W.1.A (gr. 6), W.2.Da (gr. 5), W.2.E (gr. 5)</p>	Assessed with teacher made scoring guide	<ul style="list-style-type: none"> • Read bio on current paleontologist • Read business letter model • Write business letter with purpose of obtaining an opinion on dinosaur extinction • Address envelop for mailing
<p>(B) Write a thorough conclusion to explain trace fossilization</p> <p>Performance: 1.2 Knowledge: (CA) 1, 4 (SC) 4, 5, 7 SCGLE: SC1.1.Aa-c (gr. 7), SC4.3.A (gr. 6), SC7.1.A,C (gr. 6) SCCLE: SC1.1.B-C (Physics I)</p>	Assessed with teacher made scoring guide	<ul style="list-style-type: none"> • Watch Bill Nye’s “Fossils” • Compare differences in fossil types • Use scientific inquiry to explore self made trace fossils • Use math to reach conclusions regarding speed through trace fossils
<p>(C) Create a speech based on the experience of a paleontologist</p> <p>Performance: 1.5, 1.8, 1.10 Knowledge: (CA) 1, 4, 6 (SC) 3 CAGLE: W.2.A (gr. 6), W.2.Ca-c (gr. 6), W.2.Da (gr. 5)</p>	<ul style="list-style-type: none"> • Peer assessment with scoring guide • Assessed with teacher made scoring guide 	<ul style="list-style-type: none"> • Read job description of paleontologist • Watch Bill Nye’s “Dinosaur” • Create imaginary dinosaur • Create speech to introduce fictional dinosaur
<p>(D) Create a museum card of a “creaturosauros” based upon Greek and Latin root words</p> <p>Performance: 1.8 Knowledge: (CA) 1, 4 (SC) 3 CAGLE: R.1.E (gr. 8), W.1.Aa-e (gr.6), W.2.A (gr. 6), W.2.Ca-c (gr. 6), W.2.Ea-e (gr. 5), LS.2.A (gr. 6)</p>	<ul style="list-style-type: none"> • Assessed with teacher made scoring guide 	<ul style="list-style-type: none"> • Brainstorm characteristics of animals • Use Greek and Latin roots to define dinosaur names • Create imaginary dinosaur • Use Greek and Latin roots to create an appropriate name

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<p>(E) State a hypothesis of extinction theory and cited evidence to support it</p> <p>Performance: 3.2 Knowledge: (CA) 1, 4, 6 (SC) 3 SCGLE: SC4.3.Ca-b (gr. 6), SC7.1.Aa-e (gr. 6), SC7.1.Ca-c (gr. 6), SC7.1.Da-b (gr. 6), SC7.1.E (gr. 6) SCCLE: SC4.1.C (Biology I), SC5.2.F (Earth & Space) SSGLE: TSSI.7.A-C,G</p>	<ul style="list-style-type: none"> • Peer evaluation with scoring guide on presentation • Assessed on presentation with teacher made scoring guide <ul style="list-style-type: none"> • grammar • punctuation • content 	<ul style="list-style-type: none"> • Research and document primary and secondary sources • Create fact cards • Write and support hypothesis of dinosaur extinction using debate format