

## **Dino Remains Found- Fake News!**

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Vetted Project: Students will research and investigate the geologic history of IOWC so that they may explain why land dinosaurs are not found in the Earth layers of threia. Students need a firm understand of the geologic history of the coastal plain in comparison to the other provinces of Virginia. Through various research investigations and field trips, students will collect information about the soil layers of the area and the fossils that can be found in them. Sustainability: Yes; students will need to learn why dinosaurs lived in certain areas and not others. Driving Question: Why can one not discover dinosaur remains in the soil layers of Isle of Wight County? Student Reflection: "I enjoyed learning outside of the classroom"; "The field trips made it easier to connect the information." Teacher Reflection: Though organizing the many field trips was time consuming, having my students see "dinosaurs" in person was a once in a lifetime experience for many of them. Lessons Learned: This project was conducted with four earth science classes at one time. The management of 80+ students was overwhelming at times. In the future I would consider only having one or two classes. Teacher rating: Definitely would recommend (5 out of 5).

### **I. Authenticity**

Performing: Collaboration/research/hands-on/in-field activities.

Demonstrating

Exhibit / Contest

Producing / Revising

Portfolio / Presentation Board

Presenting

Utilize Visuals

### **II. Media Produced**

Internet Media: Photo journal.

Artistic Composition

Journal / Diary

Scrapbook

Technical Writing

Lab / Research Report

### **III. Challenging Problems**

Topics: Physical World

Animals, Pets & Wildlife

Topics: Humans in the World

Historical Times & Periods

### **I. Parameters & Feasibility**

Project Timeframe

More than 8 Weeks

Assessment Timeframe

More than a Class Period

# of Project Members

Individual

Small Group

Grade Level

High School (Grades 9-12)

Authentic Audience / Evaluators

Peers

Parents

Teachers & Administrators

Community Members

### **II. Intended Learning Outcomes**

Creativity

Design / Create

Communication

Instruct

Point of View

Collaboration

Assume Shared Responsibility

Encourage Others

Work with Diverse Teams

Critical Thinking

Clarify Meaning

Reflect Critically on Learning

### **III. Success Skills & Depth of Knowledge**

Cognitive Demand

Identifying / Remembering

Comprehending / Understanding

Applying

Analyzing

Creating

Learning Styles / Intelligences

Bodily / Kinesthetic

Interpersonal / Social  
Visual / Spatial

Assessment Structures / Resources  
Rubrics

#### **IV. CTEs & Disciplines**

Sciences  
Earth & Geo Sciences



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