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| Diocese of Wheeling-Charleston  |
| Unit Planner (Word, GS) |
| Name of Teacher: Katie Velto | Grade Level: Second  |
| Subject Area: Science | Cross Curricular Opportunities: |
| Unit Title: Dinosaur Discovery | Estimated Duration of Unit: One week |
| Overview of Unit: The students will be introduced and taught to use different references (books, internet, encyclopedia, etc) andthey will also use/ integrate their five senses during this unit.  |
| Forms of Text (non fiction/fiction): non fiction | Teaching Strategies: Think, pair, share, learning centers, and discussion. |
| Catholic Identity Connections: Diocese of Wheeling, Charleston  |
| Assessment (authentic/published - summative/formative): Formative |
| Standard Number | Standards | Description of Activity | Resources  | Date of Completion |
|   1 |  SC.S.2.1 |  demonstrate the abilities and understanding necessary to do scientific inquiry. |   |   |
|  2 |  SC.O.2.2.18 |  describe how fossils are formed, and match a fossil, or a picture of a fossil, to its original organism. |  http://www.jcesc.k12.oh.us/VLA.aspx |   |
|  1 |  ELA.2.R.C1.6 |  describe the connection between a series of historical events, scientific ideas or concepts or steps in technical procedures in an informational text. |   |   |
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| Differentiated Instruction Opportunities/Overview: Group students by shared interest, topic or ability for assignments. |
| Cross Curricular Opportunities level: |
| Standard Number | Standards | Description of Activity | Resources | Date |
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| **Common Core Checklist** |
| Writing |
|   | Paragraph |
|   | Essay (narratives, fairy tales, realistic fiction) |
|   | Summary |
|  \*\* | Research: Using different forms of resources such as books, internet, encyclopedia  |
|   | Detailed answers (text supported) |
|   | Notes (note taking skills, outlines) |
|  \*\* | Complete sentences: Students should have basic reading and writing skills |
| Reading |
|  \*\* | Informational text: This unit will be to inform students on the discovery of dinosaurs  |
|   | Lexile |
|   | Complex literature |   |   |   |
|   | Speaking |
|   | Listening: Listening is an important learning strategy that will be used during this unit |
|   | Varied strategies and instructional methods |
|  \*\* | Critical thinking in whole class discussion: Small group and class discussion is a strategy that will be used during this unit |
|   | Student led activities |
|  \*\* | common core standards (literature circles): Students will follow the common core standards during this unit |
| Technology |
|  \*\* | Smartboard: Smartboard will be used during this unit |
|  \*\* | Computers: Computers will be used during this unit |
|   | iPads |
|   | Powerpoint, Elmo etc. |
| Differentiated Instruction |
|  \*\* | Used multiple resources: Students will be using multiple resources during this unit |
|   | Domain Vocabulary |
|   | Cross-Curricular |
|  \*\* | Collaborative engagement (meaningful feedback): Students will think, pair, and share their feedback with the class |
|   | Higher level learning and teaching |
| Assessment |
|   | Project based |
|   | Writing prompt |
|   | Portfolio |
|   | Observation |
|   | Quiz |
|   | Technology based |
|   | Test |
|   | Student created test |
|   | Presentation |
|   | Journal |
|  \*\* | Think, pair, share: Observe and note responses through think, pair, and share during each lesson |
|   | Summary |
|   | Oral questioning |
|   | Analogy |
|   | Powerpoint, or movie maker |
| Authenticity |
|   | Various activities |
|  \*\*  | Inquiry, research and evidence: Inquiry, research and evidence will be used when researching the discovery of dinosaurs  |
|   | Evidence of time management and planning |
|   | Problem solving strategies |
| Summary of Unit: |
|  Day 1: Introduction on dinosaur discovery -Names of dinosaurs -Habitats Day 2: Fossils and Paleontologists What are fossils? (Center 1)- Students will shift through sand while discovering different forms of fossils What are Paleontologists and what do they do with the fossils? Day 3: What was earth like when dinosaurs were alive?Day 4: Body Structure -Center Two: On the wall there will be an outline of a dinosaur. The students will use toothpicks and popsicle sticks to form the skeletal structure. Day 5: Library Day - Students will use different resources to find information on the discovery of dinosaurs to share with the class.  |
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