Course Title: Introduction to Earth Science Elective

Course Number: 00320

Course Prerequisites: None

Course Description: This is a one semester elective course open to all students, grades 9-12. This course focuses on the study of rocks and minerals, the theory of plate tectonics, climate, meteorology and astronomy. Relevant lab activities will be incorporated throughout, utilizing scientific inquiry and appropriate technology.

Suggested Grade Level: Grades 9-12

Length of Course: ☒ One Semester ☐ Two Semesters ☐ Other (Describe)

Units of Credit: 0.5 (Insert None if appropriate)

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certifications: CSPG General Science, Earth and Space Science

Certification verified by WCSD Human Resources Department: ☒ Yes ☐ No

TEXTBOOK AND SUPPLEMENTAL MATERIALS

Continue using Board approved textbook? ☒ Yes ☐ No

Board Approved Textbooks, Software, Supplemental Materials:
Title: Earth Science Geology, the Environment, and the Universe
Publisher: Glencoe
ISBN #: 978-0-07-658713-1
Copyright Date: 2013
Date of WCSD Board Approval: May 14, 2018

BOARD APPROVAL:

Date Written: 2/28/18

Date Approved: May 14, 2018 (November 5, 2018)
SPECIAL EDUCATION AND GIFTED REQUIREMENTS

The teacher shall make appropriate modification to instruction and assessment based on a student’s Individual Education Plan (IEP) or Gifted Individual Education Plan (GIEP).

COURSE OVERVIEW

Content Sequence
Earth Science

I. Nature of Science
II. Minerals
III. Rocks
IV. Plate Tectonics
   A. Plate Movement
   B. Forces that Shape Topography
V. Climate
VI. Meteorology
VII. Astronomy

Standards:
3.3.10 Earth and Space Science
   B1-3. Origins and Evolution of the Universe
CC.3.5.9-12 Reading Informational Text
CC.3.6.9-12 Writing

ASSESSMENT

Portfolio Assessment: □ Yes ☒ No

District-Wide Common Final Examination Required: ☒ Yes □ No

Course Challenge Assessment (Describe): Must pass the final exam with a minimum score of 80%.

WRITING TEAM: Warren County School District Teachers
1. Is there a required final examination? ☒ Yes ☐ No  
   *Warren County School District Policy 9741 and 9744 state, “All classes in grades 9-12 shall have a final exam.”

2. Does this course issue a mark/grade for the report card? ☒ Yes ☐ No

3. Does this course issue a Pass/Fail mark? ☐ Yes ☒ No

4. Is the course mark/grade part of the GPA calculation? ☒ Yes ☐ No

5. Is the course eligible for Honor Roll calculation? ☒ Yes ☐ No

6. What is the academic weight of the course?  
   ☐ No weight/Non credit ☒ Standard weight ☐ Enhanced weight