

**WARREN COUNTY SCHOOL DISTRICT**

PLANNED INSTRUCTION

**COURSE DESCRIPTION**

**Course Title:** Science 7 Core Elective (Exploring Our Environment)  
**Course Number:** 00301  
**Course Prerequisites:** None

**Course Description:** Exploring Our Environmental is a one semester elective designed for seventh grade students. It will reinforce the Environmental and Ecology standards. Students will study populations and communities and the divisions of the earth into regions of study called Biomes. Students will be introduced to environmental and natural resource issues as they affect, and are affected by the human population. Focus will be placed on Pennsylvanian region. Relevant lab activities will be incorporated throughout, utilizing scientific inquiry and appropriate technology.

**Suggested Grade Level:** Grade 7

**Length of Course:** One Semester

**Units of Credit:** .5

**PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certifications:**

CSPG 32 Biology, CSPG 46 General Science, CSPG 43 Environmental Science, CSPG 40 Earth Science, CSPG 54 Middle Level Science

To find the CSPG information, go to [CSPG](#)

**Certification verified by the WCSD Human Resources Department:**  Yes  No

**WCSD STUDENT DATA SYSTEM INFORMATION**

**Course Level:** Academic

**Mark Types:** Check all that apply.

F – Final Average  MP – Marking Period  EXM – Final Exam

**GPA Type:**  GPAEL-GPA Elementary  GPAML-GPA for Middle Level  NHS-National Honor Society

UGPA-Non-Weighted Grade Point Average  GPA-Weighted Grade Point Average

**State Course Code:** 03049

To find the State Course Code, go to [State Course Code](#), download the Excel file for SCED, click on SCED 6.0 tab, and chose the correct code that corresponds with the course.

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**TEXTBOOKS AND SUPPLEMENTAL MATERIALS**

**Board Approved Textbooks, Software, and Materials:**

**Title:** Life Science Glencoe  
**Publisher:** McGraw  
**ISBN #:** 978-0-07-677284  
**Copyright Date:** 2017  
**WCSD Board Approval Date:** 3/12/2018

**Supplemental Materials:** [www.environthonpa.org](http://www.environthonpa.org)

**Curriculum Document**

**WCSD Board Approval:**

**Date Finalized:** 2/14/2018  
**Date Approved:** 3/12/2018  
**Date Revised:** 3/11/2019  
**Implementation Year:** 2018-2019

**SPECIAL EDUCATION, 504, and GIFTED REQUIREMENTS**

The teacher shall make appropriate modifications to instruction and assessment based on a student's Individual Education Plan (IEP), Chapter 15 Section 504 Plan (504), and/or Gifted Individual Education Plan (GIEP).

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**SCOPE AND SEQUENCE OF CONTENT, CONCEPTS, AND SKILLS**

<b>Performance Indicator</b>	<b>PA Core Standard and/or Eligible Content</b>	<b>Month Taught and Assessed for Mastery</b>
Describe the relationships between biotic and abiotic components of an ecosystem.	4.1.7.A	September January
Explain biogeochemical cycles within an ecosystem.	4.1.7.B	September February
Explain the flow of energy within an ecosystem.	4.1.7.C.	October February
Explain how biological diversity relates to the viability of ecosystems	4.5.7.D.	October March
Identify factors that contribute to change in natural and human-made systems.	4.1.7.E.	November March
Explain how products are derived from natural resource	4.3.7.A	December April
Describe the impact of pests in different geographic locations and techniques used to manage those pests.	4.5.7.B.	January May
Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences, conclusions, and/or generalizations drawn from the text.	CC 1.2.7.A.	September May
Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, how individuals influence ideas or events).	CC 1.2.7.C	September May
Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.	CC 1.2.7.H	September May
Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 7 reading and content, choosing flexibly from a range of strategies.	CC 1.2.7.F	September May
Vary sentence patterns for meaning, reader/listener interest, and style.	CC.1.4.7.E	September May
Develop the analysis using relevant evidence from text(s) to support claims, opinions, ideas, and inferences and demonstrating an understanding of the text(s).	CC.1.4.7.B	September May

## **ASSESSMENTS**

**PSSA Academic Standards, Assessment Anchors, and Eligible Content:** The teacher must be knowledgeable of the PDE Academic Standards, Assessment Anchors, and Eligible Content and incorporate them regularly into planned instruction.

**Formative Assessments:** The teacher will utilize a variety of assessment methods to conduct in-process evaluations of student learning.

**Effective formative assessments for this course include:** Exit tickets, project, labs, etc.

**Summative Assessments:** The teacher will utilize a variety of assessment methods to evaluate student learning at the end of an instructional task, lesson, and/or unit.

**Effective summative assessments for this course include:** Teacher created tests, quizzes, etc.