

**WARREN COUNTY SCHOOL DISTRICT**

PLANNED INSTRUCTION

**COURSE DESCRIPTION**

**Course Title:** Entomology  
**Course Number:** 00315  
**Course Prerequisites:** None

**Course Description:** Entomology is a one semester elective course open to all students, grades 9 through 12. The course will explore the fascinating world of insects. Topics covered include: insect origins, external and internal anatomy and physiology of insects, insect behavior, insect classification and how insects impact human life and ecosystems. Students will create an insect collection, classifying insects to the family level.

**Suggested Grade Level:** Grades 9-12

**Length of Course:** One Semester

**Units of Credit:** .5

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

CSPG 32-Biology; CSPG 30 - Agriculture

To find the CSPG information, go to <https://www.education.pa.gov/Educators/Certification/Staffing%20Guidelines/Pages/default.aspx>

**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:** 03099

To find the State Course Code, go to <https://nces.ed.gov/forum/sced.asp>, 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:** How to Know the Insects  
**Publisher:** WCB/McGraw Hill  
**ISBN #:** 0-697-04752-0  
**Copyright Date:** 1978  
**WCSD Board Approval Date:** 5/14/2018

**Supplemental Materials:** [Click or tap here to enter text.](#)

**Curriculum Document**

**WCSD Board Approval:**

**Date Finalized:** 2/28/2018  
**Date Approved:** 5/14/2018 on 11/5/2018  
**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>
Identify and characterize major life forms according to their placement in existing classification groups.	3.3.1.10	September January
Explain the relationship between structure and function at the molecular and cellular levels.	3.3.1.10	October February
Describe organizing schemes of classification keys.	3.3.1.10	November March
Identify and characterize major life forms by kingdom, phyla, class and order.	3.3.1.10	December April
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
Determine the meaning of technical words and phrases used in a text.	CC.1.2.7.K	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:** Insect collections, illustrations, diagrams.

**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 generated tests and quizzes