Warren County School District

PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: __7th Grade Exploring & Applying Technology__

Course Number: __00731__

Course Prerequisites: __None __

Course Description:

7th Grade Technology Education is a semester-long, activity based course that introduces students to Technology by examining the systems of communication, manufacturing, construction, transportation and bio-related technologies. Emphasis will be placed on the design process and the application of using tools and materials to complete various Technology activities. This course provides a foundation for future studies in Technology and is a pre-requisite for 8th Grade Technology Education.

Suggested Grade Level: Seventh Grade

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

Units of Credit: __.5 __ (Insert ***None*** if appropriate)

PDE *Certification and Staffing Policies and Guidelines* (CSPG) Required Teacher Certifications:
CSPG 65 PK-12

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

TEXTBOOK AND SUPPLEMENTAL MATERIALS

Continue using Board approved textbook? ☐ Yes ☒ No (*If yes, then complete the information below.*)

Board Approved Textbooks, Software, Supplemental Materials:
Title:
Publisher:
ISBN #:
Copyright Date:
Date of WCSD Board Approval:

BOARD APPROVAL:

Date Written: __2/15/2018__

Date Approved: __3/12/2018__

Implementation Date: 2018-2019

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

(*List the content to be taught*)

For standards, essential questions, content, and skills see Curriculum Map –

(1)Basic Technical Sketches

(2)Mechanical Drawings utilizing Drawing Boards

(3)Measuring

(4)3D Modeling/CAD

(5)3D printing

(6)Straw Rockets/Paper Gliders

(7)Mousetrap Cars

(8)Toothpick Bridges

(9)Machine Safety

(10)Wooden Jeep Construction

(11)Button Making

ASSESSMENT

Portfolio Assessment: _____ Yes __x__ No

District-Wide Common Final Examination Required: _____ Yes __x__ No

Course Challenge Assessment (Describe)**:** N/A

WRITING TEAM: Warren County School District Teachers

WCSD STUDENT DATA SYSTEM INFORMATION

1. Is there a required final examination? _____ Yes __x__ No
   Warren County School District Policy 9741 and9744 state, "All classes in grades 9-12 shall have a final exam."
2. Does this course issue a mark/grade for the report card? __x__ Yes _____ No
3. Does this course issue a Pass/Fail mark? _____ Yes __x__ No
4. Is the course mark/grade part of the GPA calculation? _____ Yes _x__No
5. Is the course eligible for Honor Roll calculation? __x__ Yes _____ No
6. What is the academic weight of the course?

   _____ No weight/Non credit __x__ Standard weight _____ Enhanced weight