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:
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 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? __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