COURSE DESCRIPTION

Course Title: Computer 3
Course Number: 08393
Course Prerequisites: None

Course Description: The third-grade computer technology curriculum builds upon basic keyboarding skills and develops skills needed for word processing. These essential technology skills will build students' confidence and pride in their technological abilities. Students will demonstrate an understanding of basic keyboarding skills, specifically home keys, basic knowledge of computer hardware and software, and the development of digital citizenship skills. Students will continue building a foundation of computer science skills.

Suggested Grade Level: Grade 3
Length of Course: One Semester
Units of Credit: None
PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certifications:
CSPG 33 Business, Computer, & Information Technology
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: 10001 Introduction to Computer Technology
To find the State Course Code, go to State Course Code, download the Excel file for *SCED*, click on SCED 6.0 tab, and choose the correct code that corresponds with the course.

TEXTBOOKS AND SUPPLEMENTAL MATERIALS

Board Approved Textbooks, Software, and Materials:
    Title: N/A
    Publisher: N/A
    ISBN #:   N/A
    Copyright Date: N/A
    WCSD Board Approval Date: N/A

Supplemental Materials: Microsoft Office Applications (Word, PowerPoint, Excel),
https://www.typingclub.com, https://www.commonsensemedia.com, https://www.code.org

Curriculum Document

WCSD Board Approval:
    Date Finalized: 6/9/2022
    Date Approved: 6/27/2022
    Implementation Year: 2022-2023

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).

SCOPE AND SEQUENCE OF CONTENT, AND CONCEPTS

Marking Period 1

- Digital Citizenship (6 lessons)
- Accessing and sending an email (1 lesson)
- Microsoft Word (2 lessons)

Marking Period 2

- Microsoft Word (1 lesson)
- Microsoft PowerPoint (2 lessons)
- Microsoft Excel (2 lessons)
- Computer Science – Coding (4 lessons)

Marking Period 3

*Content from Marking Period 1 will repeat for a semester course.

Marking Period 4

*Content from Marking Period 2 will repeat for a semester course.

Standards/Eligible Content and Skills

Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
Identify and demonstrate responsible online behavior	TEC.3.5.15.2.5.L, TEC.3.5.15.3.5.M, TEC.3-5.15.4.5.B, SCI.3.5.3.5.G	M1, M3
Investigate and develop strong passwords	CS.3.5.1B-NI-05	M1, M3
Identify ways to post online to best reflect your identity.	TEC.3.5.15.2.5.M, TEC.3.5.15.3.5.K	M1, M3
Define Digital Citizenship.	TEC.3.5.15.3.5.M, TEC.3.5.15.3.5.T	M1, M3
Explain how to respond appropriately to mean or hurtful language online.	TEC.3.5.15.3.5.L	M1, M3
Explain why an online photo may be altered and analyze altered photos to determine why they were altered.	SCI.3.5.3.5.G	M1, M3
Compose and send email with and without an attachment.	TEC.3-5.15.3.5.A, TEC.3-5.15.3.5.B, TEC.3-5.15.3.5.K, TEC.3-5.15.3.5.O, TEC.3-5.15.3.5.Q, TEC.3-5.15.3.5.X, TEC.3-5.15.7.5.I, TEC.3-5.15.8.5.C, TEC.3-5.15.8.5.I, SCI.3.5.3-5.A, SCI.3.5.3-5.C, SCI.3.5.3-5.D, SCI.3.5.3-5.G, SCI.3.5.3-5.K	M1, M3
Create, edit, save, and open documents within Microsoft Word software.	TEC.3-5.15.3.5.B, TEC.3-5.15.4.5.G, TEC.3-5.15.4.5.K, TEC.3-5.15.6.5.M, TEC.3-5.15.8.5.I, TEC.3-5.15.8.5.J, SCI.3.5.3-5.A, SCI.3.5.3-5.B, SCI.3.5.3-5.C, SCI.3.5.3-5.D, SCI.3.5.3-5.K, SCI.3.5.3-5.O, SCI.3.5.3-5.Q, SCI.3.5.3-5.R, SCI.3.5.3-5.S,	M1-M2, M3-M4

Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
	SCI.3.5.3-5.T, SCI.3.5.3-5.U	
Learn, touch type, and memorize the home keys on a standard keyboard.	CS.3-5.1B-CS-02, SCI.3.5.3-5.A, SCI.3.5.3-5.C	M1-M2, M3-M4
Create, edit, save, and open slideshows within Microsoft PowerPoint software.	CS.3-5.1B-AP-10, CS.3-5.1B-AP-12, CS.3-5.1B-AP-17, TEC.3-5.15.3.5.A, TEC.3-5.15.3.5.E, TEC.3-5.15.3.5.S, TEC.3-5.15.4.5.A, TEC.3-5.15.4.5.G, TEC.3-5.15.6.5.M, TEC.3-5.15.8.5.D, TEC.3-5.15.8.5.J, SCI.3.5.3-5.A, SCI.3.5.3-5.B, SCI.3.5.3-5.C, SCI.3.5.3-5.D, SCI.3.5.3-5.K, SCI.3.5.3-5.O, SCI.3.5.3-5.Q, SCI.3.5.3-5.R, SCI.3.5.3-5.S, SCI.3.5.3-5.T, SCI.3.5.3-5.U	M2, M4
Create, edit, save, and open spreadsheets in Microsoft Excel software.	CS.3-5.1B-DA-06, CS.3-5.1B-DA-07, TEC.3-5.15.3.5.G, TEC.3-5.15.3.5.S, TEC.3-5.15.8.5.D, TEC.3-5.15.8.5.J, SCI.3.5.3-5.A, SCI.3.5.3-5.B, SCI.3.5.3-5.C, SCI.3.5.3-5.D, SCI.3.5.3-5.K	M2, M4
Create a graph from data in a Microsoft Excel spreadsheet.	CS.3-5.1B-DA-06, CS.3-5.1B-DA-07, TEC.3-5.15.4.5.G, SCI.3.5.3-5.O,	M2, M4

Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
	SCI.3.5.3-5.Q, SCI.3.5.3-5.R, SCI.3.5.3-5.S, SCI.3.5.3-5.T, SCI.3.5.3-5.U	
Write and debug basic algorithms to create actions.	CS.3-5.1B-AP-08, CS.3-5.1B-AP-09, CS.3-5.1B-AP-10, CS.3-5.1B-AP-11, CS.3-5.1B-AP-12, CS.3-5.1B-AP-13, CS.3-5.1B-AP-14, CS.3-5.1B-AP-15, CS.3-5.1B-AP-16, CS.3-5.1B-AP-17, TEC.3-5.15.9.5L, SCI.3.5.3-5.C, SCI.3.5.3-5.CC, SCI.3.5.3-5.DD, SCI.3.5.3-5.O, SCI.3.5.3-5.P, SCI.3.5.3-5.Q, SCI.3.5.3-5.S, SCI.3.5.3-5.T, SCI.3.5.3-5.U	M2, M4

ASSESSMENTS

PDE 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: Discussion questions, quizzes, written responses

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: Projects, tests, and written responses