

WARREN COUNTY SCHOOL DISTRICT

PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: Computer 5

Course Number: 08593

Course Prerequisites: None

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

Suggested Grade Level: Grade 5

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.

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TEXTBOOKS AND SUPPLEMENTAL MATERIALS

Board Approved Textbooks, Software, and Materials:

Title: N/A
Publisher: N/A
ISBN #: N/A
Copyright Date: 6/27/22
WCSD Board Approval Date: N/A

Supplemental Materials: TypingClub.com, Commonsensemedia.com

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

- One Drive (1 Lesson)
- Digital Citizenship (6 Lessons)
- Email Review (1 Lesson)
- OneNote (2 Lessons)

Marking Period 2

- Microsoft Word (5 Lessons)
- Microsoft Excel (4 Lessons)

Marking Period 3

- Microsoft PowerPoint(6 Lessons)
- Forms (1 Lesson)
- PDF- Fox It Reader (2 Lessons)

Marking Period 4

- Fundamentals of Coding- Course F (9 Lessons)

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Standards/Eligible Content and Skills

Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
Create a folder in OneDrive and organize files.	ISTE 1.1.D, ISTE 1.6.A, BCIT 15.3.5.M, BCIT 15.3.5.N, CSTA 1B-CS-02	M1, M3
Create a personalized plan for healthy and balanced media use.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K, BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	M1, M3
Define clickbait and explain strategies to avoid it.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K, BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	M1, M3
Define gender stereotypes and how gender stereotypes can lead to unfairness and bias.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K, BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	M1, M3
Define the benefits and risks of online-only friendships.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K, BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	M1, M3
Identify ways to stop Cyber Bullying.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K,	M1, M3

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Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
	BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	
Identify the parts and structure of online publications. Explain the difference between news, advertisements, and sponsored content.	ISTE 1.2 (all), BCIT 15.4.5.B, BCIT 15.2.5.L, BCIT 15.2.5.M, BCIT 15.3.5.K, BCIT 15.3.5.T, BCIT 15.4.5.B, CSTA 1B-NI-05	M1, M3
Demonstrate how to search email and how to send email with an attachment.	ISTE 1.1.C, ISTE 1.1.D, ISTE 1.2.D, ISTE 1.6.A, CSTA 1B-CS-02 BCIT 15.3.5.A, BCIT 15.3.5.B, BCIT 15.3.5.K, BCIT 15.3.5.M, BCIT 15.3.5.N, BCIT 15.3.5.O, BCIT 15.3.5.Q, BCIT 15.3.5.X, BCIT 15.7.5.I, BCIT 15.7.5.J, BCIT 15.8.5.C, BCIT 15.8.5.I	M1, M3
Navigate OneNote sections such as Content Library, Collaboration Space, and personal notebook.	ISTE 1.1 D ISTE 1.3 C BCIT 15.3.5 M BCIT 15.3.5 N	M2, M4
Create, edit, save, and open documents in Microsoft Word software utilizing tools on the Home, Insert, and Formatting tabs.	ISTE 1.1.D, ISTE 1.3.C, ISTE 1.6.A, ISTE 1.6.B, BCIT 15.3.5.M, BCIT 15.3.5.N, CSTA 1B-CS-02	M2, M4
Create, edit, save, open, and use formulas to build a spreadsheet budget in Microsoft Excel software.	ISTE 1.1.D, ISTE 1.3.B, ISTE 1.5.B, ISTE 1.6.A, ISTE 1.6.C,	M2

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Performance Indicator	PA Core Standard and/or Eligible Content	Marking Period Taught
	CSTA 1B-CS-02, CSTA 1B-DA-06, CSTA 1B-DA-07, BCIT 15.3.5.A, BCIT 15.3.5.G, BCIT 15.3.5.H, BCIT 15.3.5.M, BCIT 15.3.5.N, BCIT 15.3.5.S, BCIT 15.4.5.G, BCIT 15.8.5.D, BCIT 15.8.5.J	
Utilize editing and animation tools in Microsoft PowerPoint software to produce a presentation.	ISTE 1.1.D, ISTE 1.3.C, ISTE 1.4.B, ISTE 1.6.(all), BCIT 15.3.5.A, BCIT 15.3.5.E, BCIT 15.3.5.S, BCIT 15.4.5.A, BCIT 15.4.5.G, BCIT 15.4.5.M, BCIT 15.7.5.H, BCIT 15.8.5.D, BCIT 15.8.5.J, CSTA 1B-CS-02	M3
Access Microsoft Forms and complete form/quiz.	BCIT 15.3.5.M, BCIT 15.3.5.N, CSTA 1B-CS-02	M3
Open, edit, and save PDF using Fox-It Reader or Microsoft Edge.	BCIT 15.3.5.M, BCIT 15.3.5.N, CSTA 1B-CS-02	M3
Write programs that respond to timed events and user input.	ISTE 1.1.A, ISTE 1.1.C, ISTE 1.1.D, ISTE 1.4.(all), ISTE 1.5.A, ISTE 1.5.C, ISTE 1.5.D, CSTA 1B-AP(all) BCIT 15.4.5.A, BCIT 15.4.5.D, BCIT 15.4.5.G	M4
Build a computer simulation.	ISTE 1.1.A,	M4

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	ISTE 1.1.C, ISTE 1.1.D, ISTE 1.4.(all), ISTE 1.5.A, ISTE 1.5.C, ISTE 1.5.D, CSTA 1B-AP(all) BCIT 15.4.5.A, BCIT 15.4.5.D, BCIT 15.4.5.G	

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, ad 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.