



Elitha Donner Elementary School
 9461 Soaring Oaks Drive
 Elk Grove, CA 95758
 (916) 683-3073
 cperris@egusd.net

Computers

Course Information: Upon completion of the first grade the student will be able to work cooperatively and productively with others in small groups and use age-appropriate instructional rubrics and other tools to assess performance related to the learning goal. The student will practice correct keyboarding and proper care of computer software and hardware, and create text using word processing software. The student will use an Internet browser to access websites, developmentally appropriate technology resources to locate information for assignments, presentation software to explain and communicate information and drawing or paint software to create a picture.

Instructor Information: I began teaching for the Elk Grove School District in 1996 at Charles Mack Elementary School as a Science Resource teacher. I then joined the Elitha Donner Elementary staff in 1998 as the Computer, P.E. and Science resource teacher. After completing my first year at Elitha Donner, I became the full-time Computer Resource teacher. I originally commissioned two computer labs - a MAC lab and a PC lab. Currently, I teach computer technology to all of our 1st through 6th grade students in the newly refreshed PC lab. In addition, I enjoy working with the Accelerated Reader (AR) program, creating and maintaining the Donner website, supporting Donner student assemblies and rallies, and teaching the After School Film Academy.

Course Descriptions/Objectives:

Students in Grade 1 will know and/or be able to:

SKILL	LESSON COVERED
Identify and locate all the letters and numbers on the keyboard.	1st trimester
Use the mouse proficiently.	1st trimester
Demonstrate appropriate conduct during computer work periods.	1st trimester
Communicate about technology using developmentally appropriate and accurate terminology.	1st trimester
Log-on to the local area network by typing user ID and password.	1st trimester
Internet Safety- how to be safe, effective and ethical on the Internet.	1st trimester
Demonstrate respect for and the correct use of computer equipment. (i.e., pressing keys gently, no eating/drinking and no pencils/crayons near computer).	1st trimester
Demonstrate respect for the computer work of others.	2nd trimester
Use the local area network to access information and applications on the school's server.	2nd trimester
Identify uses of technology at home and at school.	2nd trimester
Use a paint program to create a drawing to illustrate a story or report.	2nd trimester
Type 1-2 sentences and one's name, using the shift key for capital letters.	3rd trimester
Use the local area network to access information.	3rd trimester
Student, working in a teacher-led whole group project, enters simple data into a spreadsheet and creates graphs electronically (i.e., use of chart wizard).	3rd trimester
Use primary-level computer software applications to develop reading, problem solving and critical thinking skills.	All year



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Course Information: Upon completion of the second grade the student will be able to work cooperatively and productively with others in small groups and use age-appropriate instructional rubrics and other tools to assess performance related to the learning goal. The student will practice correct keyboarding and proper care of computer software and hardware, and create text using word processing software. The student will use an Internet browser to access websites, developmentally appropriate technology resources to locate information for assignments, presentation software to explain and communicate information and drawing or paint software to create a picture.

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Course Descriptions/Objectives:

Students in Grade 2 will know and/or be able to:

SKILL	LESSON COVERED
Use publishing program to integrate clip art into a document.	1st trimester
Communicate about technology using developmentally appropriate and accurate terminology.	1st trimester
Identify and locate all the letters and numbers on the keyboard.	1st trimester
Demonstrate appropriate conduct during computer work periods.	1st trimester
Demonstrate the correct use of hardware/software.	1st trimester
Internet Safety- how to be safe, effective and ethical on the Internet.	1st trimester
Write a 1 or 2 sentence paragraph and title using tab key, center alignment for title, and spell check.	2nd trimester
Identify uses of computers in the home and community.	2nd trimester
Use the network to access information on the Internet.	2nd trimester
Use the local area network to access information electronically.	2nd trimester
Use the entire keyboard.	3rd trimester
State the difference between paint/draw, word processing.	3rd trimester
Perform tasks such as printing and saving to a restricted environment.	3rd trimester
Student, working in a teacher-led whole group project, enters simple data into a spreadsheet and creates graphs electronically (i.e., use of chart wizard).	3rd trimester
Use computer software to develop reading, problem solving and critical thinking skills.	All year

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Course Information: Upon completion of the third grade the student will work productively in a group setting and demonstrate flexibility in assuming different roles and responsibilities. The student will engage in a problem solving process that promotes questioning, investigating and finding solutions and will begin to select appropriate tools for problem solving, self-directed learning and extended learning activities. The fourth grade student understands the meaning of acceptable use protects online identity and demonstrates personal responsibility in the use of technology. The student continues to expand the use of word processing software, begins to use a spreadsheet to perform calculations, understands the functionality of a database and creates a simple multimedia project. Students use technology tools in a collaborative setting to generate products, create ideas, and to communicate effectively.

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Course Descriptions/Objectives:

Students in Grade 3 will know and/or be able to:

SKILL	LESSON COVERED
Communicate about technology using accurate terminology.	1st trimester
Student participates in teacher-led discussion about Internet safety and the importance of protecting identity on-line, in email, and/or websites, and of limiting distribution of information and pictures.	1st trimester
Save to more than one location.	1st trimester
Student discusses with the teacher how the Internet can be a source of information	1st trimester
Demonstrate respect for and the correct use of hardware/software.	1st trimester
Enter data (numeric and alpha) in a simple spreadsheet and produce a graph.	1st trimester
Discriminate and select information that is factual.	2nd trimester
Use the local area network to access information electronically.	2nd trimester
State the difference between and use paint/draw, and word processing.	2nd trimester
Identify/avoid potential hazards & abuses of technology equipment (i.e. computers, printers, and storage media.	3rd trimester
Type 5 words per minute.	3rd trimester
Use word processor or publishing program to write a half-page to a one-page report with the pre-designed format such as a newsletter or report with a header.	3rd trimester
Choose appropriate publishing software format for documents and integrate original art, digitized pictures, and clip art.	3rd trimester

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Student evaluates bookmarked Internet sites or teacher-directed sites for relevance to curriculum tasks.	3rd trimester
Student, working in a teacher-led whole group project, enters simple data into a spreadsheet and creates graphs electronically (i.e., use of chart wizard).	3rd trimester
Use computer software applications to develop reading, problem solving and critical thinking skills.	All year



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Course Information: Upon completion of the fourth grade the student will work productively in a group setting and demonstrate flexibility in assuming different roles and responsibilities. The student will engage in a problem solving process that promotes questioning, investigating and finding solutions and will begin to select appropriate tools for problem solving, self-directed learning and extended learning activities. The fourth grade student understands the meaning of acceptable use, protects online identity and demonstrates personal responsibility in the use of technology. The student continues to expand the use of word processing software, begins to use a spreadsheet to perform calculations, understands the functionality of a database and creates a simple multimedia project. Students use technology tools in a collaborative setting to generate products, create ideas, and to communicate effectively.

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Course Descriptions/Objectives:

Students in Grade 4 will know and/or be able to:

SKILL	LESSON COVERED
Demonstrate touch-typing basics.	1st trimester
Communicate about technology using accurate terminology.	1st trimester
Use the local area network to access information electronically.	1st trimester
Create simple spreadsheets and graphs based on the data.	1st trimester
Student participates in teacher-led discussion about Internet safety and the importance of protecting identity on-line, in email, and/or websites, and of limiting distribution of information and pictures	1st trimester
Conduct electronic research using the internet.	2nd trimester
Student evaluates bookmarked Internet sites or teacher-directed sites for relevance to curriculum tasks.	2nd trimester
Distinguish and select information that is factual.	2nd trimester
Resize, rotate, align, and otherwise manipulate graphics imported into a publishing program.	2nd trimester
Define software piracy and plagiarism.	3rd trimester
Type 10 words per minute.	3rd trimester
Describe an individual's rights and resulting responsibilities as a technology user.	3rd trimester
Identify/avoid potential hazards & abuses of technology equipment (i.e. computers, printers, and storage media).	3rd trimester

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Select the technology tool appropriate to the task.	3rd trimester
Introduction to video editing software and using basic tool within the program.	3rd trimester
Present a 5-7 slide multimedia report created individually or as a team.	3rd trimester
Use computer software to develop problem solving and critical thinking skills.	All year



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Course Information: Upon completion of the fifth grade, the student will demonstrate ethical behavior and work responsibly and collaboratively with others to accomplish both individual and team goals. The student will become a more critical thinker and problem solver and use technology tools to solve problems and make decisions related to classrooms assignments. The student will use expanded features of spreadsheet, database and presentation software and use telecommunications to publish information. A proficient user of technology, the student will demonstrate a sound understanding of the nature and operation of technology systems and will effectively use telecommunications tools for research, collaboration and communication. The student understands the need for individuals and business to protect the integrity of technology systems.

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Course Descriptions/Objectives:

Students in Grade 5 will know and/or be able to:

SKILL	LESSON COVERED
Communicate about technology using accurate terminology.	1st trimester
Demonstrate touch-typing basics.	1st trimester
Create spreadsheets that involve more than one operation.	1st trimester
Demonstrate respect for and the correct use of hardware/software.	1st trimester
Student participates in teacher-led discussion about Internet safety and the importance of protecting identity on-line, in email, and/or websites, and of limiting distribution of information and pictures	1st trimester
Use acceptable communications guidelines when using the internet.	2nd trimester
Create a 1-2 page document, choosing appropriate format and using writing process skills.	2nd trimester
Use the local area network to access information.	2nd trimester
Describe an individual's rights and resulting responsibilities as a technology user.	3rd trimester
Select the technology tool appropriate to the task.	3rd trimester
Define software piracy and plagiarism.	3rd trimester

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Type 15 words per minute.	3rd trimester
Identify and avoid potential hazards & abuses of technology equipment (i.e. computers, printers, and storage media).	3rd trimester
Create original computer art using a variety of paint tools.	3rd trimester
Present a 10-slide multimedia report created individually or as a team.	3rd trimester
Use the World Wide Web to research topics for a report using bookmarked sites.	3rd trimester
Conduct electronic research using simple search strategies; utilizing more than one electronic reference tool.	3rd trimester
Discriminate and select information.	3rd trimester
Use computer software to develop problem solving and critical thinking skills.	All year



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Course Information: Upon completion of the sixth grade, the student will demonstrate ethical behavior and work responsibly and collaboratively with others to accomplish both individual and team goals. The student will become a more critical thinker and problem solver and use technology tools to solve problems and make decisions related to classrooms assignments. The student will use expanded features of spreadsheet, database and presentation software and use telecommunications to publish information. A proficient user of technology, the student will demonstrate a sound understanding of the nature and operation of technology systems and will effectively use telecommunications tools for research, collaboration and communication. The student understands the need for individuals and business to protect the integrity of technology systems.

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Course Descriptions/Objectives:

Students in Grade 6 will know and/or be able to:

SKILL	LESSON COVERED
Identify the functions of the components of computers and peripherals.	1st trimester
Create line/bar graphs, pie charts, and scatter grams and distinguish between the data appropriate to each.	1st trimester
Demonstrate the use of passwords, special keys & functions.	1st trimester
Student participates in teacher-led discussion about Internet safety and the importance of protecting identity on-line, in email, and/or websites, and of limiting distribution of information and pictures	1st trimester
Demonstrate appropriate conduct during computer technology classes.	1st trimester
Create 2-3 page documents, choosing appropriate format and using writing process skills.	2nd trimester
Identify the differences in working in a networked and non-networked environment.	2nd trimester
Obtain information from the internet by initiating a search using search engines.	2nd trimester
Describe and demonstrate individual and group rights and resulting responsibilities as a technology user.	3rd trimester

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Use writing process, formatting, and editing skills to communicate in a multi-page document.	3rd trimester
Use integrated application packages and calculators to develop problem solving and critical thinking skills.	3rd trimester
Demonstrate basic understanding of software piracy, plagiarism, and right to ownership.	3rd trimester
Create a database as part of a content research project such as Presidents, countries, states, etc.	3rd trimester
Present a 15-20-slide multimedia report created individually or as a group.	3rd trimester
Define fields and enter data to create a database.	3rd trimester
Acquire keyboarding skills of 20 words per minute.	3rd trimester
Introduction to video editing software and using basic tools within the program. Create a short presentation.	3rd trimester
Use computer software to develop problem solving and critical thinking skills.	All year