

Wallenpaupack Area School District

COURSE: Computer Education

GRADE LEVEL: Grade 2

LENGTH OF COURSE:

TEXT:

PUBLISHER:

COPYRIGHT:

COURSE DESCRIPTION:

AREAS OF STUDY:

Literacy
Keyboarding
Instructional Software
Graphic Design
Word Processing
Critical Thinking
Research

CURRICULUM WRITING TEAM:

DATE OF REVISION:

2006

Wallenpaupack Area School District

Course: Computer Education

Grade Level: Grade 2

Unit: Literacy

PA Standards:

Topics:	Skills:
Activities:	Performance Assessments:

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Course: Computer Education

Grade Level: Grade 2

Unit: Keyboarding

PA Standards: 3.7.7.C.3

Topics: Number and letter key locations Proper hand position Special keys	Skills: Locate enter, letters, numbers, shift, backspace, arrows, punctuation keys, spacebar, tab Locate and utilize home row Practice moving from home row to rows above and below
Activities: Demonstration of keyboarding specific software Assigned activities within the programs, (e.g., Type to Learn, KidKeys)	Performance Assessments: Teacher observation Software generated progress reports

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Course: Computer Education

Grade Level: Grade 2

Unit: Instructional Software

PA Standards: 3.7.4.D.1
3.7.4.D.4
3.7.4.E.1

Topics:	Skills:
Mathematical operations: addition, subtraction and multiplication Logic and thinking Vocabulary and spelling	Solve puzzles Complete games Visit interactive websites Navigate through CD ROM literature series titles
Activities:	Performance Assessments:
Demonstrations, lectures and class discussion Software such as Jump Start Second, Jump Start Math 2, Math Blaster, as a source of activities for math, spelling, phonics, logic and reasoning Websites such as randomhouse.com/seussville and CD ROM series such as Living books for literature	Teacher observations and student progress Software-generated progress reports

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Course: Computer Education

Grade Level: Grade 2

Unit: Graphic Design

PA Standards: 3.7.4.D.1

3.7.4.D.3

3.7.4.D.4

Topics: Create and print a computer-generated graphic Create backgrounds and music Incorporate graphic into work processing	Skills: Use advanced paint tools Design a graphic Use menu items to locate advanced options Access graphics options un work processor, paste into documents, and use tools to modify graphics
Activities: Demonstrate painting and design software (i.e. KidPix, Paint) Assign the creation of a graphic Students will use proper paint tools and incorporate required elements Assign incorporation of graphics into existing word processor documents Documents correlate with courses of study in the regular classroom	Performance Assessments: Teacher observation Completed print job

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Course: Computer Education

Grade Level: Grade 2

Unit: Word Processing

PA Standards: 3.7.4.D.1

3.7.4.D.2

Topics: Creating documents using a word processor	Skills: Use previously learned keyboarding techniques Use upper and lower case, tab, punctuation, spacing correctly Change font size, style and color Develop at least two paragraphs using indenting Topic to be in conjunction with classroom work and determined by classroom teacher
Activities: Demonstrate word processing technique, tools and formatting for document Utilize word processor such as Word 2K to create a document	Performance Assessments: Teacher observation Completed print job

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Grade Level: Grade 2

Unit: Critical Thinking

PA Standards: 3.7.4.D.4

Topics: Explore activities for counting, comparing, sorting measurement, estimation, addition and subtraction Student involvement in reading, writing and typing Work independently on related projects Develop logic and reasoning through learning experiences using puzzles, patterns and spatial activities Project could include the development of a math journal	Skills: Motivate and support students as they advance their curriculum skills Practicing reading, writing and typing skills Learning progressions are presented and designed to support student-learned specific skills
Activities: Demonstrations, lectures and class discussions Software including Jump Start and I Spy applications offer activities at appropriate levels Math Blaster: In Search of Spot, Clue Finders and I Spy Spooky Mansion offer modules appropriate for student success Math and reading activity will complement classroom curriculum	Performance Assessments: Teacher observation and student progress

Wallenpaupack Area School District

Course: Computer Education

Grade Level: Grade 3

Unit: Research/Internet

PA Standards: 3.7.4.D
3.7.4.E.1
3.7.4.E.3

Topics:	Skills:
Introduction to the Internet of connected computers Learning to search the Internet, book marking Searching out websites Using Grolier Children's' Encyclopedia and OPAC searches	Help students to understand connectivity of a networked system Help students understand that websites hold key information to subjects Keyword, title, author, subject searches are centered on the computer Integrate with classroom assignments and subjects
Activities:	Performance Assessments:
Library--resources for school topics Museums—art, science, historical connections Aquariums—where would you go for info? Zoo-where would you go for info? Weather—local and national Newspapers Encyclopedias	Teacher observation and student progress Completed research document