

# *Wallenpaupack Area School District*

**COURSE:** Computer Education

**GRADE LEVEL:** Grade 3

**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:**

Donna Bree

**DATE OF REVISION:**

2006

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Literacy

**PA Standards:** 3.7.4.C.2

3.7.4.C.3

<b>Topics:</b>	<b>Skills:</b>
Saving a file to network Accessing/opening a file from its saved location network Printing to available network/classroom printers	Save word processing documents and graphics Retrieve saved work from its location, i.e. network Print work to designated printer
<b>Activities:</b>	<b>Performance Assessments:</b>
Demonstrations, lectures and class discussions Teach literacy skills using word processor and graphic software	Teacher observation and classroom progress Completed print jobs

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Keyboarding

**PA Standards:** 3.7.7.C.3

<b>Topics:</b>	<b>Skills:</b>
Proper hand position/home row Number and other letter key locations	Locate home row keys Locate enter, letters, numbers, shift, backspace, arrows, punctuation keys, spacebar, tab Practice moving from the home row to rows above and below
<b>Activities:</b>	<b>Performance Assessments:</b>
Demonstration of keyboarding specific software Teach keyboarding skills within the programs, i.e. Animated Typing, Type to Learn, KidKeys, Jump Start Typing,	Teacher observation and classroom progress Software generated progress reports

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Instructional Software

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

<b>Topics:</b>	<b>Skills:</b>
Mathematical operations: addition, subtraction, multiplication and division Logic and thinking Vocabulary and spelling Social studies/geography	Solve mathematical equations Complete games Solve puzzles Develop map skills Maneuver through adventure software
<b>Activities:</b>	<b>Performance Assessments:</b>
Demonstrations, lectures and class discussion Software such as Math Blaster, Animated Arithmetic, Cluefinders, Oregon Trail, etc. Websites such as Scholastic.com, Timeforkids.com, and CD-ROM series such as Living Books for literature	Teacher observations and student progress Software-generated progress reports

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Graphic Design

**PA Standards:** 3.7.4.D.1

3.7.4.D.3

3.7.4.D.5

<b>Topics:</b>	<b>Skills:</b>
Create and print a computer-generated graphic Create backgrounds and music Incorporate graphic, backdrop and border into student-selected project	Use advanced paint tools Design a graphic Modify and manipulate graphics
<b>Activities:</b>	<b>Performance Assessments:</b>
Demonstrate painting and design software (i.e. KidPix, Paint) Introduction to graphics program (i.e, Print Shop) Assign the creation of a graphic Students will use proper paint tools and incorporate required elements Assign incorporation of graphics into existing word processing documents Documents correlate with courses of study in the regular classroom	Teacher observation Completed print job

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Word Processing

**PA Standards:** 3.7.4.D.1

3.7.4.D.2

<b>Topics:</b> Creating documents using a word processor	<b>Skills:</b> Use previously learned keyboarding techniques Use upper and lower case, tab, punctuation, and spacing correctly Change font, size, style and color Introduce cut-paste and copy-paste functions Topic to be in conjunction with classroom work and determined by classroom teacher
<b>Activities:</b> Demonstrate word processing technique, tools and formatting for document Utilize word processor such as Word 2K to create a document	<b>Performance Assessments:</b> Teacher observation Completed print job

# Wallenpaupack Area School District

**Course:** Computer Education

**Grade Level:** Grade 3

**Unit:** Critical Thinking

**PA Standards:** 3.7.4.D.4

<b>Topics:</b>	<b>Skills:</b>
Explore activities for counting, comparing, sorting measurement, estimation, addition, subtraction, multiplication and division 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	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
<b>Activities:</b>	<b>Performance Assessments:</b>
Demonstrations, lectures and class discussions Software including Clue Finders and I Spy applications offer activities at appropriate levels Math Blaster: In Search of Spot, Jump Start and I Spy Spooky Mansion offer modules appropriate for student success Math and reading activity will complement classroom curriculum	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

<b>Topics:</b>	<b>Skills:</b>
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
<b>Activities:</b>	<b>Performance Assessments:</b>
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