

Appendix B

Cross Content Integration

CROSS-CURRICULAR INTEGRATION WITH TECHNOLOGY
Standard 8

	Lang. Arts Standard 3	Math Standard 4	Science Standard 5	Social Studies Standard 6
K	Use Internet sources to search graphics and information to support research	-	-	-
1	Create a class alphabet picture book in KidPix. Each student works on a letter or two – add pictures of things that start with your letter.	Work on addition facts in Excel. Enter simple formulas =1+0, =1+1, etc in a spreadsheet.	Talk about the weather! What do we wear in different seasons? Work in Kidspiration and dress people according to the weather.	Explore the Milltown school district website and the Borough website
2	Create a picture of a word using the letters to illustrate the meaning of that word (f-i-r-e made out of flames) in KidPix	Work on money in excel and Kidspiration. How many ways can you make a dollar with different coins? =.25+.25+.25+.25 etc	Create an invention – draw a picture in KidPix and write about it in Word.	All About Me. Where do I come from? What is my family like? Work in Kidspiration – All About Me and then create a PowerPoint with the information.
3	Write about a non fiction topic of your choice and create a PowerPoint that goes along with it.	Survey class about their favorite _____. Enter data in a spreadsheet and graph the results. What did you discover?	Learn about simple machines. What is a pulley? Create a pulley system out of educational Legos.	Create your own country. Decide on the name, flag, license plate, government, laws, culture, customs, etc etc. Write about it in Word and then create a PowerPoint.
4	From a list of story starters, students choose one and write a story. Emphasize and encourage good writing skills.	Have students make a Multiplication Chart (0-12) in an Excel spreadsheet	Have students do research on NJ Inventors. Create a presentation and share how this technology changed the lives of people	Imagine you are a Lenape Indian living with your family in NJ. What is your life like? Using Word, describe a typical day and share it with the class.
5	Using Print Shop, have students create and design a business card that promotes both safety and good behavior on-line.	On a spreadsheet, students use borders and shading to outline shapes. They then calculate the perimeter, area, and volume using formulas.	Students research an endangered animal. With the facts, they use the ready-made shapes in Word to draw and color in an animal glyph. The class then tries to guess the animal.	Using an on-line atlas, students pick two countries from four different continents. Create a spreadsheet and record factual information. Graph and analyze the results.
6	Have students write a poem using Word and then illustrate it using PowerPoint, where the words become a part of the illustration.	Each student shops at an on-line toy store. On a spreadsheet, they are to keep a running tally of their purchases using formulas.	Research several weather instruments. Describe and illustrate them using PowerPoint; include a timeline.	Create your own hieroglyphic alphabet. Using Word, write a message to your friend about your family.
7	Have students write the Biography of a classmate in a Word document	On a spreadsheet, students create a <i>nutritious</i> menu and then “take some friends out to dinner.” Using formulas, they’ll order from the menu and then calculate the cost of the meal and tip.	Research a catastrophic event that occurred in New Jersey. Create a PowerPoint presentation describing the event and its impact on our environment.	Using PowerPoint, create a quiz show resembling Jeopardy about the Civil War.
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CROSS-CURRICULAR INTEGRATION WITH TECHNOLOGY
Standard 8
Supplemental Content Areas

Music and Art Standard 1	World Language Standard 7	Physical Education Standard 2	Career Education Standard 9
<p align="center">Grades K-3</p> <p>Create a picture in KidPix</p>	<p align="center">Grades K-3</p> <p>Research a foreign country online.</p>	<p align="center">Grades K-3</p> <p>Make up your own phys ed activity to share with phys ed teacher. Write the directions and add clip art if necessary.</p>	<p align="center">Grades K-3</p> <p>Learn about different careers relating to computers/technology</p>
<p align="center">Grades 4-8</p> <p>Using a graphic organizer, have students research a famous Musician/Artist; students will share with the class what they learned using PowerPoint.</p>	<p align="center">Grades 4-8</p> <p>Using a graphic organizer, have students research and compare three holidays; students will share with the class what they learned using PowerPoint.</p>	<p align="center">Grades 4-8</p> <p>Have students research the need for using proper keyboarding techniques to ensure personal health and safety, then create posters to present to the class</p>	<p align="center">Grades 4-8</p> <p>Have students research different careers in Technology/Engineering. Create a database, input data found for defined fields, and run what-if reports.</p>