

Appendix C

Cross Content Integration

MATHEMATICS

CROSS-CURRICULAR INTEGRATION WITH MATHEMATICS			
Standard 4			
Suggested Activities			
Lang. Arts Standard 3	Science Standard 5	Social Studies Standard 6	Physical Education Standard 2
Grades K-1 Count how many letters there are in the alphabet.	Grades K-1 Count how many black dots appear on a ladybug	Grades K-1 Use shape patterns to create community scenes	Grades K-1 Count how many times your friend can jump in one minute
Grades 2-3 Count how many verbs and adjectives there are in a paragraph	Grades 2-3 Add up the total amount of trees that exist on your block	Grades 2-3 Find out what time it is in another country using time-zones	Grades 2-3 Using a stopwatch, see how much time it takes to run from here to there
Grades 4-5 Read <i>The Mysterious Multiplying Jar</i> and discover how the jar is getting bigger and bigger	Grades 4-5 Graph the 10-day weather report into a line graph that uses days and temperature as its axis	Grades 4-5 Make a timeline of a historical event or person	Grades 4-5 Measure how far you can jump with a tape measure
Grades 6-8 Write an essay on how learning math will help with a certain career	Grades 6-8 Listen to the chirps of crickets on tape and explain how temperature affects how fast or slow they chirp	Grades 6-8 Describe using longitude and latitude how to get to a certain location on the globe	Grades 6-8 Have students learn how to keep score in a bowling game
Music and Art Standard 1	World Language Standard 7	Technology Standard 8	Career Education Standard 9
Grades K-3 Have students listen to the CD "Songs that Teach Multiplication." They can "boogie" to the dance part while rehearsing their facts	Grades K-3 Have the students count to ten in another language	Grades K-3 Have the students play math games online at mathgames.com	Grades K-3 Ask a parent to come in and speak about how they use math at their job everyday
Grades 4-8 Have the students make their own shape that can tessellate and have them make artistic tessellations on oak tag	Grades 4-8 Have the students write step by step directions of how to do long division in another language	Grades 4-8 Have the students take a tally of their classmates with the topic Favorite... Then have the students make a pie chart by hand or on Excel	Grades 4-8 Have the students pick a career they would like to research. Have them write a short essay on how that career uses math on a daily basis