**THE MATH CURSE ILLUSTRATED BOOK PROJECT**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Assigned\_\_\_10-29-13\_\_\_\_\_\_\_ Due\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Purpose**: The purpose of this project is to help students see where they are using math in their daily lives.

**Standards addressed**: GLE: 0806.1.1 Use mathematical language, symbols, and definitions. GLE: 0806.1.3 Develop independent reasoning to communicate mathematical ideas. GLE: 0806.1.4 Move flexibly between concrete and abstract representations of mathematical ideas. GLE: 0806.1.6 Read and interpret the language of mathematics and use written/oral communication. CFU: 0806.1.5 Use age appropriate books to convey ideas of mathematics.

1. **Read the Math Curse book in class.**
2. **Students create their own Math Curses Illustrated Book.**
   1. Each student will write “4 Math Curses” that happen in their everyday lives. A math curse is a problem a student has which involves mathematics.
   2. Each math curse has a question at the very end that can be solved using mathematics.
   3. Each math curse should include at least two different mathematical operations (+ -; +\*; -\*; etc.).
   4. The student will prepare an illustrated book to present their math curses.
   5. The illustrated book will consist of 4 Math Curse Sections (each section must include a problem and a solution).
   6. Upon completion, students will present the illustrated book in class using a well-written paragraph explaining one math curse (one out of the four in depth).
   7. Well in advance, each student will be given a specific date to have their project completed. They will also be required to present their project on this day.

**Written paragraph topic could look like**: One math curse that I experience daily is….and I chose this to read to the class because…

**An example of a math curse**: “It takes me 10 minutes to shower, 3 minutes to brush my teeth, 10 minutes to get dressed and do my hair, 10 minutes to eat breakfast and my bus comes at 7:05 AM. What time do I need to set my alarm so that I can be on time?”

1. **Assessment Rubric**

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| **Qualities** | **Point Value** | **Points Earned** |
| Includes 4 math curses, each curse has a written question. | 5 pts. per curse  5 pts. per written question  **Total** of 40 pts. |  |
| Solutions are presented clearly and include two different mathematical operations | 4 pts. per solution  4 pts. per two different operations  **Total** of 32 pts. |  |
| Mathematics is accurate and use of vocabulary is appropriate | **Total** of 5 pts. |  |
| Each of the 4 math curses has a colorful illustration on the page. | 2 pts. per colorful illustrated math curse  **Total** of 8 pts. |  |
| Presentation was clear and effective. | **Total** of 5 pt. |  |
| Written paragraph explanation of one math curse (at least one paragraph long). Must have a strong topic sentence and good detail. | **Total** of 10 pts. |  |
| Project turned in on time. If late, then there will be 10 points deducted for each day late. | **Total** of -10 pts. for lateness |  |

Total Points Earned\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_