



**Title:** Math Facts and Fun  
**Grade(s):** Fourth Grade  
**Subject(s):** Math  
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**Overview:** Students will be learning multiplication facts in order to display computational fluency.  
**Content Standards:** MA(4) 7.3 Demonstrating computational fluency in multiplication and division fact families through 12.  
MA(4) 9. Write number sentences for word problems that involve multiplication or division.

**Local/National Standards:**

**Primary Learning Objectives:** The student will be able to develop understanding and fluency with one or multi-digit multiplication.

**Additional Learning Objectives:** The students will be able to make sense of problems and persevere in solving them.

**Approximate Duration of Lesson:** 1 hour

**Materials and Equipment:** Textbook  
Promethean Board  
Scratch multiplication game

**Background/Preparation:**

Practice multiplication tables (0-12)

**Procedures/Activities:** Step 1 Introduce Vocabulary  
Step 2 Flash Cards (background info/motivation)  
Step 3 Multiplication Bingo  
Step 4 Use Promethean Board to solve problems (students will use clickers to agree or disagree)

**Attachments:** Multiplication Game 1:  
<http://scratch.mit.edu/projects/geekdad001/270574>

**Assessment Strategies:** Multiplication Game 2:  
[http://scratch.mit.edu/projects/Zoe\\_p\\_graff/1744138](http://scratch.mit.edu/projects/Zoe_p_graff/1744138)

**Extension:** Math magician  
<http://resources.oswego.org/games/mathmagician/mathsmulti.html>

**Remediation:** Multiplication.com (games)  
<http://multiplication.com/flashgames/DiscoDino.htm>