

# Washington Math Fair

Thursday, March 29th, 6:00-7:30

Schedule:

6:00-6:15 Welcome, Overview of the California State Standards, and Opening Up Our Positive Mathematical Mindset

6:15-7:15 Games, Games, and More Games

- Rotation #1 6:15-6:35
- Rotation #2 6:35-6:55
- Rotation #3 6:55-7:15

7:15-7:30 Treats

Activity	Title	Grade level	Host Teacher	Room #
1	Racing Trains	K-5	Agliolo	A
2	Top-It	K-2	Bauer	1
3	Online Games	all	Buchner	2
4	Take Two For Ten/Card Games	K-2	Stone	4
5	Dice Games	TK-2	Van Herpe	5
6	Top-It	3-5	Aguila	6
7	Dice Games	3-5	Cameron	7
8	Tessellations	all	Carpenter/ Gaiera	8
9	Estimating	all	Schrum	9
10	Maker Space	all	Gray-Stewart, Whitbeck, Bray, Fanucchi	cafeteria

Everyday Math fun activities

[http://instruction.aaps.k12.mi.us/EM\\_parent\\_hdbk/games.html](http://instruction.aaps.k12.mi.us/EM_parent_hdbk/games.html)

3 min video on CCSS

[http://instruction.aaps.k12.mi.us/EM\\_parent\\_hdbk/games.html/](http://instruction.aaps.k12.mi.us/EM_parent_hdbk/games.html/)

6 min video Austin's butterfly

<https://vimeo.com/38247060>

PTA-really cool flyers in English and Spanish

<http://capta.org/focus-areas/education/common-core/>

Prize ideas:

Cereal Bars

Decks of cards

Dollar Store School Supplies

Pencil Packs

Flash Cards

Notebooks

Resource Person: Nancy Walsh at Zane (she runs a big prize wall)

Snacks:

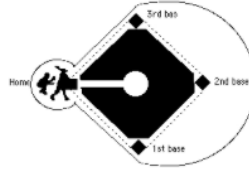
Bottles of water

Ice Cream Sandwiches

## Baseball Multiplication (3 – 5)

### Beginners' Game:

**Materials:** 2 regular dice, 4 pennies, a Multiplication Facts Table or a calculator  
**Number of players:** 2



**Directions:** Take turns being the “pitcher” and the “batter.”

1. At the start of the inning, the batter puts a penny on home plate.  
 2. The pitcher rolls the two dice. The batter multiplies the two numbers that come up and tells the answer. The pitcher can check the answer in a multiplication table or on a calculator.

3. The batter looks up the product in the Hitting Table. If it is a hit, the batter moves all pennies on base as follows:

Single	1 base
Double	2 bases
Triple	3 bases
Home Run	4 bases or across home plate

Hitting Table	
1 to 6 Facts	
1 to 9	Out
10 to 19	Single (1 base)
20 to 29	Double (2 bases)
30 to 35	Triple (3 bases)
36	Home Run (4 bases)

- A run is scored each time a penny crosses home plate. If a play is not a hit, it is an out.
- A player remains the batter for 3 outs. Then players switch roles. The inning is over when both players have made 3 outs.
- After making the third out, a batter records the number of runs scored in that inning on the scoreboard.
- The player who has more runs at the end of 4 innings wins the game. If the game is tied at the end of 4 innings, play continues into extra innings until one player wins.
- If, at the end of the first half of the last inning, the second player is ahead, there is no need to play the second half of the inning. The player who is ahead wins.
- Make your own scoreboard like the one below, on a separate sheet of paper.

SCOREBOARD					Extra Innings			Final Score
Inning	1	2	3	4	5	6	7	
Team:	Outs							
	Runs							
Team:	Outs							
	Runs							

