

Teacher Notes

As a third grade teacher, it is incredibly important for my students to memorize their multiplication facts. Almost every day, we practice multiplication in class, and I ask my students to practice at home. Despite this practice, it is still a difficult skill for students. Over the years, I've had many parents ask for ways to help with multiplication at home. I've created my Multiplication Facts Booklets which introduce multiplication facts through conceptual practice activities. My students have experienced a lot of success with the booklets, but I wanted to find ways to expand on the booklets with multiplication games that can be practiced at home.

This product is a collection of my favorite multiplication games. I've organized the games, so I can send home a game of the week. I plan to attach this game to my weekly newsletter, so parents will know to expect a new game each Monday. I've tried to include games that require little to no prep from teachers or parents. I've also included family friendly directions for each game. The games are organized into four different categories: card games, dice games, paper games, and extra games. The dice and card games all center around games that can be played with playing cards or dice. The 'paper games' are games where students will use index cards or sticky notes to practice at home. I did not include printables to use as games. I have several printable games in my No Prep Multiplication unit, but I wanted this to be completely different. Every activity requires participation to develop a sense of autonomy and ownership. In the 'extra games' portion, I've included ideas for games that can be played using apps, iTunes, and picture books. I tried to limit this type of resource since many students do not have access to this type of technology. If the game of the week requires any supplies, I send those materials home in a baggie. Some of the games can be used to practice one set of multiplication facts at a time (3 facts, 4 facts, etc.) while other games practice multiple sets at one time.

Games

Card Games

- Pg. 5 Multiplication War—mixed multiplication facts
- Pg. 6 What's My Number—mixed multiplication facts
- Pg. 7 Write the Equation—mixed multiplication facts
- Pg. 8 Race to 500—mixed multiplication facts
- Pg. 9 Marker Multiplication—I through 6 facts
- Pg. 10 Use the Factors—mixed multiplication facts
- Pg. 11 Representing Multiplication—mixed multiplication facts
- Pg. 12 Flip the Cards—one set of multiplication facts (any one set)

Dice Games

- Pg. 14 Cards and Dice—I through 6 multiplication facts
- Pg. 15 Beat the Clock—I through 6 multiplication facts
- Pg. 16 Race to the Top—mixed multiplication facts
- Pg. 17 Cover the Number—mixed multiplication facts
- Pg. 18 Race to 20—one set of multiplication facts (any one set)
- Pg. 19 Race to 100—I through 6 multiplication facts

Paper Games

- Pg. 21 Multiplication Matching—one set or mixed multiplication facts
- Pg. 22 Make it Stick—one set or mixed multiplication facts
- Pg. 23 Multiplication Flash Cards—one set or mixed multiplication facts
- Pg. 24 Multiplication Tic-Tac-Toe—one set or mixed multiplication facts
- Pg. 25 Nickel Fun—5 multiplication facts
- Pg. 26 Rock, Paper, Multiply—I through 5 multiplication facts
- Pg. 27 Mixed Up Multiplication—mixed multiplication facts
- Pg. 28 Multiplication Fortune Teller—3 multiplication facts
- Pg. 29 Triangle Puzzle—mixed multiplication facts
- Pg. 30 Multiplication Books—mixed multiplication facts
- Pg. 31 Multiplication Game Board—one set or mixed multiplication facts
- Pg. 32 Least to Greatest—one set or mixed multiplication facts
- Pg. 33 Math Dance—one set or mixed multiplication facts

Electronic Games

- Pg. 35 Multiplication Songs—one set or mixed multiplication facts
- Pg. 36 Multiplication Apps—one set or mixed multiplication facts
- Pg. 37 Multiplication Websites—one set or mixed multiplication facts

8 Card Games

Weekly Multiplication Game

Game Multiplication War

Directions:

- Shuffle playing cards
- Place all of the cards face down in between two players
- Taking turns, each player should select two cards from the deck
- Each player should multiply the number on the two cards together
- The player who has the largest product (answer) gets to keep all four cards
- If there is a tie, draw again. The player with the highest product keeps all eight cards!
- Play until all of the cards are used. The player who collected the most cards wins!

Materials

- Playing cards-remove face cards



Mixed multiplication facts

6 Half sheets help save copies and paper!

Weekly Multiplication Game

Game Multiplication War

Directions:

- Shuffle playing cards
- Place all of the cards face down in between two players
- Taking turns, each player should select two cards from the deck
- Each player should multiply the number on the two cards together
- The player who has the largest product keeps all four cards
- If there is a tie, draw again. The player with the highest product keeps all eight cards!
- Play until all of the cards are used. The player who collected the most cards wins!

Weekly Multiplication Game

Game Marker Multiplication

Directions:

- Both players place their markers on any numbers on the game board. More than one marker may be placed on a number
- Place the cards facedown in a pile
- Player 1 draws two cards and says the product of the cards
- If any player has a marker on that number on the game board, that player removes the marker (one at a time)
- Player 2 repeats the steps above.
- The first player to remove all 10 markers wins.
- ***Ace=1

Materials

- Playing cards-remove all but 2,6 cards and Aces
- 10 small markers per player (pennies, buttons, beans, etc)
- 2 players

10 multiplication facts

2 activities where game board is included.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

6 Dice Games

Weekly Multiplication Game

Game: Race to 20

Directions:

- Choose a multiplier. Pick a multiplier you're ready to practice: 3 facts, 4 facts, etc
- Player 1 rolls two dice and ADDS the numbers together
- Multiply the sum (answer by the multiplier)
- Player 2 repeats the same steps. Whoever has the highest product wins the round and gets a point
- The first player to reach 20 points wins!



**Make
homework
fun!**

Weekly Multiplication Game

Game: Race to 20

Directions:

- Choose a multiplier. Pick a multiplier you're ready to practice: 3 facts, 4 facts, etc
- Player 1 rolls two dice and ADDS the numbers together
- Multiply the sum (answer by the multiplier)
- Player 2 repeats the same step
- The highest product wins the round
- The first player to reach 20 points wins!

Weekly Multiplication Game

Game: Race to the Top

Directions:

- Player 1 rolls a die and multiplies the number rolled by the bottom number.
- Player 2 repeats the step
- Take turns rolling the die and multiplying the numbers
- At the end of the game, each player should add all of the products (answers) together. Whoever has the highest total wins that round!



	Round 1		Round 2		Round 3	
x4			x4		x4	
x8			x8		x8	
x6			x6		x6	
x2			x2		x2	
x7			x7		x7	
x3			x3		x3	
x5			x5		x5	
x9			x9		x9	
	PLAYER 1	PLAYER 2	PLAYER 1	PLAYER 2	PLAYER 1	PLAYER 2
Total			Total		Total	

Paper Games

Weekly Multiplication Game

Game Multiplication Matching

Directions:

- Write a multiplication fact on one side of an index card Don't write with a dark marker.
- Write the product (answer) on another index card.
- Repeat the process for about 12 facts (24 total cards)
- Flip all of the cards over and shuffle them around
- Spread the cards out in six rows of four (facedown)
- Take turns turning over two cards at a time to find a match of multiplication fact and answer.
- Keep all of your matches
- Whoever finds the most matches wins

Materials

- Index cards



One set or mixed multiplication facts

Uses common household materials!

Weekly Multiplication Game

Game Multiplication Matching

Directions:

- Write a multiplication fact on one side of an index card Don't write with a dark marker.
- Write the product (answer) on another index card.
- Repeat the process for about 12 facts (24 total cards)
- Flip all of the cards over and shuffle them around
- Spread the cards out in six rows of four (facedown)
- Take turns turning over two cards at a time to find a match of multiplication fact and answer.
- Keep all of your matches
- Whoever finds the most matches wins

Weekly Multiplication Game

Game Multiplication Fortune Teller

Directions:

- Cut out the square
- Fold up all 4 corners so that all points meet in the middle
- Flip fortune teller over
- Fold up all 4 corners so that all points meet in the middle
- Fold the top back
- Place fingers into the 4 corners from the inside
- Use fingers to open and close fortune teller

Materials

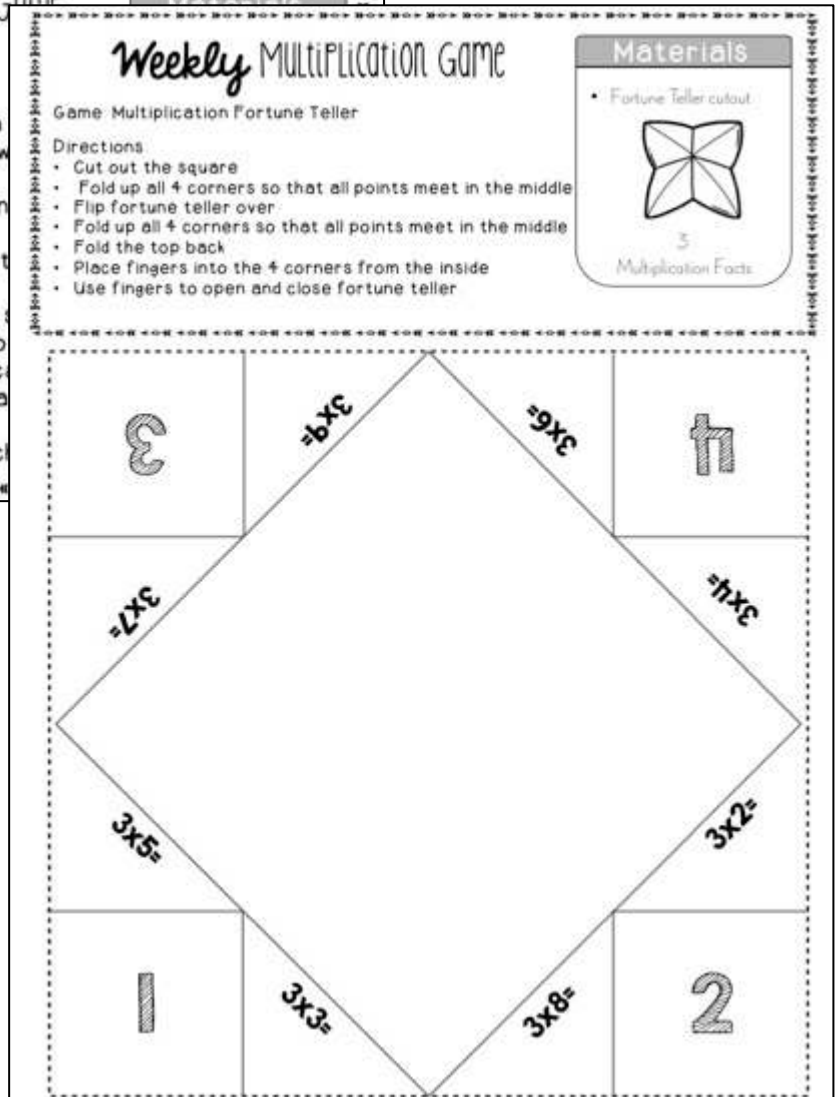
- Fortune Teller cutout



3

Multiplication Facts

**index cards
sticky notes
paper
nickels**



3 Electronic Activities

Weekly Multiplication Game

Game Multiplication Songs

There are many ways to practice multiplication facts through music. There is now a large variety of multiplication songs available on iTunes. You can download one song at a time or even an entire collection of songs.

Student Favorites:

- Teacher and the Rockbots
- Twin Sisters
- Multiplication Hip Hop with Mr. G
- Times Tables the Fun Way
- Multiplication Unplugged

Materials

- iTunes



One set or mixed multiplication facts

Suggest useful websites, apps, and books!

Weekly Multiplication

Game Multiplication Songs

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Student Favorites:

- Teacher and the Rockbots
- Twin Sisters
- Multiplication Hip Hop with Mr. G
- Times Tables the Fun Way
- Multiplication Unplugged

Weekly Multiplication Game

Game Multiplication Apps

There are hundreds of multiplication apps available that are free and paid. It is important for students to practice multiplication facts; they are currently learning or facts that are more challenging.

Student Favorites:

- Sushi Math
- Rocket Math
- Math Ninja
- Operation Math
- Tower Math

Materials

- iPad or Ipad, or smartphone



One set or mixed multiplication facts

Weekly Multiplication Game

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Student Favorites:

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One set or mixed multiplication facts

Student favorites list included