marvelous
&
math Activities

Mix and Match Number Cards
Estimate, Sort and Tally
Spin a Color Boardgame
Patterning Activities
Add 'em Up Domino Cards
Tens and Ones BINGO
Six great math activities using everybody’s favorite candy M&M’s! Here is a wide range of activities will keep your students engaged and happily practicing their math skills! These are wonderful additions to your math centers or tubs especially as the year winds down. Students will stay focused and on task right up to the last day -- or the last M&M!

More than just your usual graphing activity (although that is included as well). Activities include Tens and Ones Bingo, Add ‘em Up Domino Cards, Patterning activities, Spin-a-Color Boardgame, Mix and Match Number Cards, and of course, Estimate, Sort and Tally.
Add 'em Up Domino Cards

Complete the Patterns

Tens and Ones BINGO

Spin a Color Boardgame
Mix and Match Number Cards

These cards can be prepared in two different ways according to the level of your class. The first way is to simply cut the cards in half, keeping the numeral and written number together on half of the card. This will make it easier for students to match the two halves.

A more difficult way to prepare the cards is to cut all three sections apart and have students match all three. If you want to make this activity self checking make sure to mark the backs of the cards before laminating and cutting.

Please note that for this activity the m&m pack will stand for 10 and the individual candies for ones.
1  
one

2  
two

3  
three

4  
four
9
nine

10
ten

10
ten

0
zero
11

eleven

12

twelve

25

twenty-five

29

twenty-nine
42
forty-two

44
forty-four

51
fifty-one

56
fifty-six
65
sixty-five

68
sixty-eight

72
seventy-two

77
seventy-seven
83  eighty-three

86  eighty-six

92  ninety-two

95  ninety-five
ninety-nine
eighty-one
sixteen
nineteen
Add 'em Up
Domino Cards

Here is another activity that can be used several different ways according to the level of your students and your own preferences.

You can use these as quick flashcards for a small group activity. Hold them up and see how quickly students can give you the total of the two sides.

Students can play a “war’ type game with each of them flipping over a card at the same time. Whoever says the correct sum of the m&m’s on his card first wins both cards.

You can cut each of the cards in half and use for a greater than less than activity.

Use your imagination and let these cards work for you!
Complete the Patterns

Print and laminate cards. You can choose to keep all of the strips together on the page, or cut apart to have separate pattern strips to use. (I cut the pages in half so I have 3 strips per card).

Students use m&m’s to complete each of the patterns.

There are also blank patterning cards for students to make up their own patterns for themselves or for each other to complete.
This game gives lots of practice opportunities for your students to practice counting by tens and ones.

Includes two spinners and 24 bingo cards (complete spinners by adding a paper clip to the middle of each spinner using a brad).

Students take turns spinning the spinners, the first spinner telling how many tens in the number, and the second supplies the number in the ones place. Each time a number is spun, all players check their m&m jar cards for the number. Anyone who has the number on their card covers it with an m&m. The student who covers all the m&m’s on their card first is the winner. For a shorter game you can also set a timer. Whoever has the most numbers covered when the time is up is the winner.
Tens
Spin a Color Boardgame

This is a game which uses 5 colors of m&ms to advance around the board. Each student should have some kind of a marker or a piece (each student could have a different color m&m as one possibility).

Add a paper clip to the center of the spinner using a brad. The students take turns spinning the spinner. Students must spin a red or a switch to get on the gameboard.

If a student spins a red, they place their marker on the first circle with the red m&m character in it. When a student spins the “switch” symbol, they can switch their piece with any other player’s piece on the board -- even for their first move.

Student then take turns spinning the spinner and moving their piece to the next picture that corresponds to that color (see list for items and colors). As players get near the end they must spin a yellow to finish the game.
To make the gameboard, print out the two pages of the board and glue them side by side on a manila file folder or on cardstock before laminating.

**RED**
- apple
- heart
- lips
- cherries
- strawberries
- ladybug

**GREEN**
- apple
- frog
- turtle
- grapes
- peas
- grasshopper

**YELLOW**
- banana
- sun
- bee
- chick
- SpongeBob

**ORANGE**
- basketball
- orange
- carrot
- pumpkin

**BROWN**
- logs
- bear
- paper bag
- cockroach
- football
- gingerbread cookie
Estimate, Sort and Tally

This is your standard graph and tally activity, the one most often used with m & m’s. In this version students get a bag of m&m’s (usually plain) and first guess or estimate how many m&m’s will be in their bag. I usually have my students do this without opening the bag. By feeling and guessing the weight they come up with a guess.

Students then fill out the top part of the worksheet before opening their bag. After they have filled out the top part of their worksheet they open, count and sort their m&m’s. I have included two versions of the sorting and graphing pages. The first is in color. The second, is in black and white. You can have the students color in the black and white version to save on ink.

After counting and sorting their m&m’s students fill in the next 3 sentences of the worksheet.

Finally, students color in squares on the graph for their candies and fill out the final portion of their worksheet. The writing is an open ended sentence for students to complete.

When students have completed the writing, they get to the best part of all … enjoying their candies! Yummmmm...
I estimate there are ______ m&m’s in my bag.

My favorite color m&m is ________.

I think I will have the most _______ colored m&m’s.

**** Do the next part after opening, counting, and sorting your m&m’s. ****

There were ______ m&m’s in my bag.

My guess was (circle one) greater, less than, equal to the actual amount.

I had _____ red _____ blue _____ green _____ brown and _____ orange m&m’s.

I had the most _______ colored m&m’s, and the least _______ colored m&m’s.

I think m&m’s are ____________________________________________

__________________________________________________________________

because ________________________________________________________

__________________________________________________________________
red  green
yellow  blue
orange  brown
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