

Name: _____

Grade: _____

Summer B I N G O M A T H

Amusement Park:

Travel: _____
Food: _____
Hotel: _____
Tickets: _____

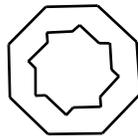
Parent Initials:

Budget a Family
VACATION

Materials: 2 sheets of paper, scissors, ruler, tape, pencil

Parent Initials:

PAPER
Frisbee



MONDAYS LIFE

YAHITZEE

FLU

Play a Board Game

Game: _____

Players: _____

Parent Initials:

Computer GAMES

What games did you play?

Parent Initials:

1 _____

2 _____

hoodamath.com

Pick your grade level

Play at least two games

Sudoku

3	6	1		8	
	2	3	7	6	
	7	5	2	9	
9	8			1	
4	1	7	3	5	
5		9		2	
3	7	4	1		
2	5	8		9	
4		9	7		2

Parent Initials:

Stained Glass



Parent Initials:

STEELKART

RECIPE:

Original _____

Converted _____

Conversions

Parent Initials:

BATTING AVERAGES

Parent Initials:

Player, Team, Avg

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

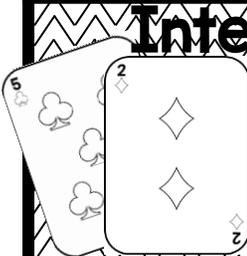
7 _____

8 _____

9 _____

10 _____

Integer WAR



Who did you play with?

Parent Initials:

Menu: How many people? _____

Cost per person: _____

Parent Initials:

What did you make? _____

Did you help cook? _____

Plan a Family MEAL

2048 Puzzle Game

Play for 15 minutes

4	4	256
2	4	128
8	16	64
2	16	16

What was your best score? _____

Parent Initials:

PHYSICAL

HOW many squats did you do? _____

Parent Initials:

Geometric SCAVENGER HUNT OUTSIDE

- Found 5 2D shapes
- Found 5 3D shapes

Favorite Find: _____

Parent Initials:

MONDAYS LIFE

YAHITZEE

FLU

Play a Board Game

Game: _____

Players: _____

Parent Initials:

Expenses

- Total Expense: _____
- Where you able to find sales? _____
- How much did you save? _____

Parent Initials:

Skittles

Total in Bag: _____

Color	Number	Percentage

Percentage

Did you eat the candy? Yes No

Parent Initials:

M&Ms

Summer **BINGO**

Middle School Math

Grades 6-8

Instructions

In order to complete your summer math assignment, you will need to print out the Summer Bingo Math game sheet. The game sheet will be due to your teacher on the first day of school.

To play the Summer Math Bingo game, you must complete 4 of the activities that form a line either diagonally, horizontally, or vertically. After completing the activity, have a parent initial the Bingo square. You will need to color in the boxes that you complete. Please see below for the instructions for the individual activities on the Bingo game sheet.

Name of Activity	Instructions
Budget a Family Vacation	Congratulations, you get to plan your family vacation this year! (Note: you will plan for the number of people in your family.) Begin by going online to pick an amusement park that is the United States. You will need to know the cost of the following: tickets (per person), travel (how will you get there?), lodging (where will you stay?), meals/snacks (per person). After you have researched your trip, you will need to tally up the expenses to see how much this vacation will cost. On your Bingo game sheet, you will need to list the requested information. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.
Play a Board Game	Great choice! You and your family get to play a board game together. You will need to choose from the following games: Monopoly, Yahtzee, Clue, or Life. The game played must be the board game, not an electronic version. If applicable, you must play the role of the banker. After you have completed your game, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.

Paper Frisbee

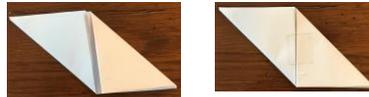
Paper Folding! For this activity, you will need two sheets of white paper, ruler, pencil, and tape. First, you will cut two sheets of paper into 8 inch x 8 inch squares. You now have two squares. Cut each of these squares into 4 inch x 4 inch squares. Now you have eight squares. Fold each of the squares in half, which makes them rectangles. Then fold the rectangles in half (short end to short end). Now, unfold these to be rectangles again.



You now have eight rectangles, each divided into two squares. With the fold at the top of the rectangle, take the bottom left corner and fold it to the top right corner of that square. This creates a shape made of a square and right isosceles triangle.



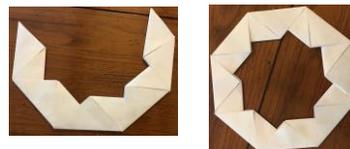
Now, fold the top right corner of the square down to the bottom left corner. This forms a parallelogram made of two right isosceles triangle. A piece of tape can be placed between the two triangles to hold them in place. When finished, you will have eight folded parallelogram.



Now, begin forming an octagon by placing the closed corner of one parallelogram into the open side of another.



Continue adding sides in the in the same way, taping the pieces together as you go. The last piece will close the octagon.



Now go play with your frisbee to see how far you can throw it! Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.

Computer Games

Online fun! To complete this square, you must go to www.hoodamath.com to play at least two games. After arriving at the website, scroll to the bottom of the page where you can choose your grade level. From there, pick two games to play. After you have completed playing the computer games, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.

Sudoku	<p>Number logic! Sudoku is played on a 9x9 grid. This grid is divided into 9 squares. Each row, column, and square needs to be filled out with the numbers 1-9 (without repeating any numbers in the row, column, or square). Some numbers are already provided for you, but you must fill in the rest. Be sure to not guess as every number has a place. Good luck! Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>
Sidewalk Art: Stained Glass	<p>Outside fun! For this activity, you will need sidewalk chalk and painters tape. Tape off a large rectangle area on your driveway. Using more tape, add long or short pieces of tape inside your rectangle to create a geometric design. After you are done creating your geometric design, use different colored sidewalk chalk to color in the areas inside your large rectangle. When you have finished coloring your design, remove the tape. Voila, stained glass! On your Bingo square, draw a mini-version of your sidewalk art. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>
Recipe Conversions	<p>Time to eat! Find your favorite recipe that is cooked at your house. You have two options: you can reduce the recipe by $\frac{1}{2}$ OR you can make more by making $1\frac{1}{2}$ times more than the original recipe. Offer to cook the recipe! After you have completed converting the recipe, you will need to list the required information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully. Bon appetit!</p>
2048 Puzzle Game	<p>Screen time! For this activity, you will need to use your or a parent's device to download the 2048 (puzzle game) app. You are to play this game for 15 minutes. When done, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>
School Supplies Expenses	<p>Online shopping! Find your school supply list online. Then, go online to find out how much each item costs at the store (Office Depot, Walmart, etc.). Find out how much you will need to spend for all of your school supplies. Did you find a sale? Calculate your deals to find out how much you saved. After you have completed finding the costs of your school supplies, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>

Batting Averages

Play ball! For this activity, you will have to calculate the batting averages for Hall of Fame baseball players listed below (please round to the thousandths place). After you have computed the batting averages, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.

Player	At Bats	Hits
Orlando Cepeda	7927	2351
Rod Carew	9315	3053
Ty Cobb	11434	4189
Joe DiMaggio	6821	2214
Hank Aaron	12364	3771
Ozzie Smith	9396	2460
Ted Williams	7706	2654
Brooks Robinson	10654	2848
Dave Winfield	11003	3110
Babe Ruth	8399	2873

Plan a Family Meal

Cooking fun! You are in charge of dinner for your family (use the correct amount of people in your house to complete this activity). You will plan what food the dinner consists of, shop for the food (you will need to know what everything cost to make the dinner), and offer to help cook the meal. After you have completed the shopping trip, sit down and figure out how much the meal cost per person. When done, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.

<p>Physical Fitness</p>	<p>Time to get active! Follow the instructions listed below to do this activity. After you have completed the work out, you will need to list the required information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p> <ul style="list-style-type: none"> • Do 20 jump n jacks. <u>20</u> (Record the number in each blank) • Now do $\frac{1}{2}$ as many sit ups as jump n jacks • Do $\frac{1}{2}$ as many lunges as sit ups _____ • Now hop on one leg 3 times more than the number of lunges • Do 9 less push ups than the number of hops _____ • Now jog in place – or jog outside for $\frac{1}{3}$ <u>minutes</u> of the number of push ups • And lastly - <u>do 10</u> times as many squats as the number of minutes you jogged • Record the number of squats you did on the Bingo game sheet.
<p>Geometric Scavenger Hunt</p>	<p>Math outside! For this activity, you will have to get outside (go for a walk with the family or meander around your yard). You will need to find 10 geometric shapes. Five of them need to be 2D and five of them need to be 3D. After you have explored the outdoors and found your geometric shapes, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>
<p>Skittles/m&ms Probability</p>	<p>Candy! For this activity you will need either a regular size bag of Skittles or M&Ms. Divide the candies by color. Then calculate the percent of each color in the bag. Eat your work! When done, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.</p>

Integer War

Card Game! There are two sets of instructions. Please be sure to follow the instructions for your grade level.

For students entering 7th and 8th grade:

This game needs exactly two players.

Take a regular deck of playing cards and remove the face cards. Now shuffle them and deal all the cards to both players face down. Each card, two through ten, will be worth the number on the card. An ace is worth one.

Red cards are negatives and black cards are positives.

Each player turns over a card at the same time. Players add the two cards together (remember to note whether the card is negative or positive). The player who says the correct answer first wins the two cards. In case of a tie, each player turns over another card at the same time, and the winner receives those two cards plus the cards from the tie. Continue until all of the cards have been played. The player with the most cards at the end of the round wins the WAR. Or you can decide to play until one person has all the cards like the game Battle.

You can also use this game to multiply the cards for a change of pace!!!

For students entering 6th grade:

This game needs exactly two players.

Take a regular deck of playing cards and remove the face cards. Now shuffle them and deal all the cards to both players face down. Each card, two through ten, will be worth the number on the card. An ace is worth one.

Each player turns over a card at the same time. The player who says the highest card value first wins the two cards. In case of a tie, each player turns over another card at the same time, and the winner receives those two cards plus the cards from the tie. Continue until all of the cards have been played. The player with the most cards at the end of the round wins the WAR. Or you can decide to play until one person has all the cards like the game Battle.

You can also use this game to add the cards for a change of pace!!!

When finished playing, you will need to list the requested information on your Bingo game sheet. Do not forget to color your Bingo square and have a parent initial in the appropriate square to indicate that you completed this activity successfully.