

AVENUE

COMMUNITY

OWST

PARK

PACIFIC



## MATH BOARD GAME PROJECT!

8.5 O. RAILROAD

BOARDWALK

You will be creating a math board game with a partner. You can make the board game however you want, but you MUST incorporate one of the following subjects that we have learned this year. A lottery will take place on <u>Monday May 13th</u> for your group to choose subjects so everyone is not using the same subject in their game.

- Solving Linear Equations/Inequalities (Unit 1 & 3)

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- Factoring Quadratics (Unit 8)

- Solving Quadratics (Unit 9A)

- Graphing Linear Equations (Unit 5)

- Exponent Rules & Polynomials (Unit 7)

- Systems of Equations / Inequalities (Unit 6)
- Graphing Quadratics (Unit 9B)
  Graphing ALL functions (Foldable)

JUST

NCOME TAX

PACIFIC

AVENUE

PLACE

COMMUNITY

CHEST

ST. CHARLES

PLACE

LUXURY TAX

PLACE

PACIFIC

AVENUE

MARVIN

GARDENS

AVENUE

INCOME TAX

**ORIENTAL** 

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ERMONT AVENUE

RAUTIC AVENUE CONNU

## Your project will be due on the last day of school! Per 1/2 --> May 20th Per 3 --> May 21st Per 6/7 --> May 22nd

All games will be displayed and played on the last day of school. You will be scored on your game's creativity, neatness, math incorporation and accuracy, and overall ability to be played.

Your final product must include:

• <u>Game "Board":</u> Create a colorful and creative game board with a name and theme. The theme can be anything you want (food, tv show, sports, etc.) as long as it is school appropriate. The game should be interesting and unique, so try to include special moves such as "move up" or "go back" if it works with your game. If you are really creative and take a different route, that is fine. Just make it fun!

**\*Bonus Points:** If you can design it in a way that it comes in a decorated Game Box like real board games do even better! Bonus points will be awarded to any group that brings their game (with all parts included) packaged in a way as if it were a real game.

- <u>Math</u>: You must incorporate your specific math topic into your game, a minimum of 20 questions. The questions can be created on playing cards or incorporated into the game in some other creative way. You must also provide an answer key for each question in the instructions.
- <u>Pieces</u>: You must include all necessary pieces in order to play the game (player pieces, dice, spinner, tokens, fake money, etc.). Your pieces can be created by you or objects that you find/buy/borrow. The pieces should correspond to the theme and rules of your game.
- **Game Instructions:** You must TYPE clear, step-by-step instructions on how to play the game. This should include the purpose of the game, how many players, who goes first, how a player wins, etc. You should also write in clear rules on who determines if a player gets his or her math question correct. Is there a "scorer" in the game or a "checker" who controls the answer key? Your instructions should be specific enough that students can understand and play your game the last day of school.

