



Rising Math 7th - Completion of this activity will be rewarded with three homework passes. One per trimester. Have fun. Be creative and we will play you games when we return to school.

Design Your Own Integer Game

Background: As a renowned expert on the number system, you have been hired by the educational toy company Learn4Life to create a game about integers. You can choose any type of game you want: board game, card game, a video game, or any other kind of game that you want. Just make sure that your game can be packaged to sell online (that means, you can't create a game without something to play it with).

In order for your game to be sold online, it must meet some pretty high standards. Use the checklist below to make sure your game has everything it needs. Use the rubric on the next page to find out if your game meets Learn4Life's high standards.

Game Checklist

- Complete, detailed directions are included.
- A list of materials is included (ex.: dice, cards).
- Your game has something that can be packaged or sold (ex: a board, cards, PowerPoint, etc.).
- Your game follows the correct integer rules for all four operations: multiplication, division, subtraction, and addition (if you are not sure, check with your teacher first).
- AT LEAST 20 integer questions are included.
- The game is attractive – would someone want to buy it?
- Play the game. Is it fun? Does it play the way you envisioned?

__ Did I turn it in by the due date?

****Note:** If you want to design a video game, you can make a PowerPoint as your product. You must still include complete directions and follow all of the other checklist items. Check with the teacher first to make sure your idea is doable.

Name: _____ Due date: _____

Integer Game Brainstorming Sheet

1. Describe your game. Is it a board game? Card game? Something else?
2. What materials will your board game need?
3. How will students play your game?
4. How do you win the game?

5. Include at least 10 of your integer problems here. Remember, you need to include all four operations (addition, subtraction, multiplication, and division). Include solutions - this helps me know that you are on the right track!