

## Core Skills Analysis

### Math

- The student practiced budgeting and financial management skills by controlling the sim's expenses within the provided budget.
- Improved problem-solving abilities by resolving challenges like arranging furniture in limited space within the game.
- Enhanced understanding of percentages and probabilities through in-game mechanics like chances of winning in virtual competitions.

### Tips

For continued development, consider involving the student in creating custom content for Sims 4, such as designing houses or scripting events. Encourage them to explore mods that introduce complex mathematical concepts like coding or game mechanics. Additionally, discussing real-life applications of math within the game, such as economic principles or geometric structures, can further deepen their understanding.

### Book Recommendations

- [The Ultimate Player's Guide to Sims 4](#) by Alexa Fisher: This guide offers tips and tricks for mastering Sims 4 gameplay, enhancing problem-solving skills in virtual scenarios.
- [Math Doesn't Suck: How to Survive Middle School Math Without Losing Your Mind or Breaking a Nail](#) by Danica McKellar: A math book tailored for teenagers, blending real-life scenarios with mathematical concepts in a fun and engaging manner.
- [Code Your Own Games: 20 Games to Create with Scratch](#) by Max Wainewright: An interactive guide that teaches programming logic and problem-solving through game development, complementing the skills learned through playing Sims 4.