

## Core Skills Analysis

### Math

- The student demonstrated quick mental math skills while strategizing in-game actions.
- Analyzing team stats helped the student practice data interpretation and analysis.
- Budgeting in-game currency improved the student's understanding of financial management.
- Solving puzzles within the game sharpened the student's problem-solving abilities.

### Tips

To further enhance mathematical skills through playing Call of Duty, students can engage in activities that involve calculating probabilities of winning in different scenarios, setting and achieving in-game financial goals, and creating spreadsheets to track in-game progress. Encouraging the student to discuss strategies with friends can also foster collaborative problem-solving and critical thinking.

### Book Recommendations

- [Game Engine Black Book: Wolfenstein 3D](#) by Fabien Sanglard: A detailed technical analysis of the game's engine, providing insights into game development and programming concepts.
- [Extra Lives: Why Video Games Matter](#) by Tom Bissell: Explores the impact of video games on culture and society, offering valuable perspectives on gaming experiences like Call of Duty.
- [Math Goes to the Movies](#) by Burkard Polster and Marty Ross: Explains mathematical concepts through popular movies, offering an entertaining approach to learning math that can be applied to gaming scenarios.