

## Core Skills Analysis

### Mathematics

- Improved spatial awareness through navigating complex obstacle courses.
- Practiced measuring distances and angles when assessing jumps and falls.
- Utilized basic addition to keep track of scores or time taken to complete levels.
- Engaged in problem-solving by figuring out the best pathways to complete the obby.

### Computer Science

- Gained familiarity with game mechanics and how different elements of the game interact.
- Developed skills in digital navigation and understanding digital environments.
- Learned about coding concepts through custom obby designing and modifications available in Roblox.
- Practiced logical thinking by troubleshooting errors or obstacles faced in the game.

### Physical Education

- Enhanced hand-eye coordination by timing jumps and avoiding obstacles.
- Promoted strategic thinking to plan movements necessary for completing tasks.
- Encouraged physical engagement through active participation and movement in gameplay.
- Fostered perseverance and resilience by repeatedly attempting challenging levels.

### Tips

To further enhance your child's learning experience with Roblox, encourage them to create their own obby course where they can implement their understanding of mathematics through designing obstacle distances and angles. Suggest exploring game design tutorials to boost their computer skills, possibly using Lua scripting to add elements to their game. Additionally, engage with them in physical activities that parallel the movements required in Roblox, such as jumping or agility courses in the real world, to bridge the concepts learned in the digital space to physical experiences.

### Book Recommendations

- [Roblox Top 10: The Greatest Games](#) by Jenna K. M.: A guide to the best and most popular games on Roblox, perfect for young gamers looking to explore.
- [Coding Roblox Games Made Easy](#) by Zander Brumbaugh: An accessible guide for kids to learn how to script their own games in Roblox.
- [Roblox Book: Build Your Own Adventure](#) by Roblox Publishing: A creative book that helps kids create their own storylines and challenges within Roblox worlds.