

## Core Skills Analysis

### Math

- The student learned concepts of spatial awareness by planning and creating different structures within the town in Minecraft.
- They practiced multiplication by calculating resources needed for different buildings and areas of the town.
- Through budgeting resources in the game, the student applied basic addition and subtraction skills to ensure the town's growth and sustainability.
- Problem-solving skills were honed as the student encountered obstacles like land elevation or building dimensions while constructing the town.

### Tips

Encourage the student to further enhance their math skills in Minecraft by introducing challenges like calculating the area of land for different buildings, using division to distribute resources efficiently, and experimenting with geometric shapes in their town designs. Additionally, consider incorporating challenges that require budgeting and financial management within the game to strengthen real-world application of mathematical concepts.

### Book Recommendations

- [Minecraft: The Crash](#) by Tracey Baptiste: A thrilling adventure story set in the world of Minecraft, perfect for young readers.
- [MathCraft: The Secrets of an Mysterious Alex](#) by Mathcraft Kid: A math and adventure book inspired by the world of Minecraft, engaging for children.
- [Minecraft Math Coloring Book](#) by Grace Gaston: A fun coloring book that combines math problems with creativity in a Minecraft theme.