

## Core Skills Analysis

### Language Arts

Amyannaairylove played Roblox and created "Outcome memories," which required her to describe in-game events and reflect on the results of her actions. She organized her thoughts into a coherent narrative, using past-tense verbs and descriptive language to convey what happened. By recounting the sequence of choices and outcomes, she practiced cause-and-effect reasoning and expanded her vocabulary with gaming-related terms. This activity also encouraged her to edit and refine her story for clarity and flow.

### Mathematics

While exploring Roblox, Amyannaairylove managed virtual resources such as in-game currency and item inventories, calculating how many coins were needed to purchase upgrades. She performed addition and subtraction to track her spending and compared quantities to decide the most efficient purchases. The activity also required her to estimate the value of items and evaluate trade-offs, strengthening her number sense and problem-solving skills. Through repeated transactions, she reinforced concepts of budgeting and proportional reasoning.

### Digital Literacy

Amyannaairylove navigated the Roblox platform, learning how to locate games, use the avatar editor, and interact with community features. She experimented with different game settings, observing how changing variables altered the outcomes she recorded in her memory log. This hands-on exploration built her understanding of user interfaces, digital citizenship, and basic algorithmic thinking as she predicted results before testing them. The experience also highlighted safe online practices, such as recognizing trustworthy creators and managing privacy settings.

### Tips

Encourage Amyannaairylove to turn her Roblox outcomes into a digital comic strip, pairing illustrations with her written narratives for a multimodal project. Introduce a budgeting challenge where she must allocate a set amount of virtual currency across several in-game purchases, then calculate any leftover funds and reflect on her decisions. Organize a collaborative class showcase where students share their "Outcome memories" and discuss the strategies they used, fostering peer feedback and critical thinking. Finally, connect the gaming experience to real-world concepts by having her design a simple flowchart that maps choices to results, reinforcing logical sequencing.

### Book Recommendations

- [Ready Player One](#) by Ernest Cline: A thrilling adventure that explores virtual worlds, problem-solving, and pop-culture references, perfect for students interested in gaming narratives.
- [The Game Maker's Apprentice: Learn to Build Your Own Computer Games](#) by Mark Overmars and Jacob Habgood: A hands-on guide that introduces basic coding concepts and game design, helping students translate their Roblox ideas into simple programs.
- [Minecraft: The Island](#) by Max Brooks: A choose-your-own-adventure story set in a sandbox game, encouraging readers to think strategically about resources and outcomes.

### Learning Standards

- CCSS.ELA-LITERACY.W.4.2 - Write informative/explanatory texts to examine a topic and convey ideas clearly.

- CCSS.ELA-LITERACY.RI.4.3 - Analyze the cause and effect relationships in informational texts.
- CCSS.MATH.CONTENT.4.NF.B.3 - Solve multi-step word problems involving addition and subtraction of fractions and decimals (applied to virtual currency).
- CCSS.MATH.CONTENT.5.NBT.B.7 - Perform operations with multi-digit whole numbers and explain the reasoning.
- ISTE Standards for Students 1.1 - Empowered Learner: Demonstrates agency and self-direction in using technology.
- ISTE Standards for Students 3.4 - Innovative Designer: Uses a variety of tools to create and test solutions.

### **Try This Next**

- Worksheet: "Roblox Resource Tracker" - a table for students to log virtual currency earned, spent, and saved across multiple game sessions.
- Quiz Prompt: Create five multiple-choice questions that ask learners to predict the outcome of a specific in-game action before it occurs.
- Drawing Task: Have Amyannaairylove sketch a flowchart that visualizes the decision-tree of her most memorable Roblox moment.
- Writing Prompt: Ask her to write a short diary entry from the perspective of her avatar, describing a day in the game and the lessons learned.