# **Core Skills Analysis**

#### **Mathematics**

- Develops spatial awareness by navigating different terrains and obstacles.
- Enhances problem-solving skills by figuring out how to achieve the best score.
- Introduces basic concepts of geometry through understanding angles and curves in the game.
- Improves counting skills by tracking scores and comparing them with previous attempts.

#### **Physical Education**

- Promotes hand-eye coordination through precise control of the ball.
- Encourages strategic thinking as players plan their moves to overcome challenges.
- Supports fine motor skills development through consistent gameplay actions.
- Fosters patience and resilience in learning new game levels or techniques.

## **Technology**

- Introduces concepts of game mechanics and how digital environments function.
- Encourages familiarity with basic controls and interfaces, emphasizing digital literacy.
- Promotes cognitive engagement with technology as students respond to feedback from the game.
- Encourages responsible gaming habits and the importance of screen time limitations.

## **Tips**

To further enhance your child's learning experience with 'going balls' on ipaf, consider introducing discussions about strategies and outcomes after each session. Encourage them to explain their thought process during gameplay, which can reinforce their problem-solving skills. Integrating additional activities such as drawing the paths they took within the game can develop their spatial and artistic skills. Also, setting small challenges, such as achieving a specific score, can motivate them and suit their competitive nature. Finally, exploring similar games or apps can broaden their knowledge of game design and technology.

#### **Book Recommendations**

- <u>The Lying Game</u> by Sara Shepard: A thrilling mystery where friendships and secrets unfold, drawing readers into its suspenseful narrative.
- <u>Minecraft: The Ultimate Player's Guide</u> by C. E. B. Hawkins: Packed with tips and techniques, this guide helps young players navigate and master the world of Minecraft.
- <u>The Wild Robot</u> by Peter Brown: A heartwarming tale of a robot who learns to survive in the wilderness, blending themes of adventure and nature.