

## Core Skills Analysis

### Physical Education

- Developed gross motor skills through hopping and balancing on one or both feet while moving sequentially across the squares.
- Practiced coordination and body control while jumping from one square to another without losing balance.
- Enhanced spatial awareness by timing jumps to land within specific squares laid out on the ground.
- Improved physical fitness elements such as agility, leg strength, and endurance through repetitive movement and play.

### Mathematics

- Reinforced understanding of number sequences by hopping on numbered squares in order.
- Engaged with counting and number recognition as part of the game progression.
- Developed basic problem-solving skills by planning jumps to avoid certain squares or follow game rules.
- Understood spatial patterns and sequences through the movement flow across the grid layout.

### Social Skills

- Practiced turn-taking and patience when playing the game with others.
- Enhanced communication skills through interactions such as negotiating rules, encouraging peers, or friendly competition.
- Developed cooperative play skills and sportsmanship in a group setting.
- Experienced managing emotions such as excitement, frustration, and celebration in a controlled environment.

### Tips

Tips: To deepen understanding and enjoyment of hopscotch, try creating your own hopscotch grid with different shapes or number patterns, encouraging creativity alongside physical movement. Incorporate simple math challenges, like hopping on prime numbers or multiples to combine numeracy with physical activity. Encourage the child to play cooperatively with friends and reflect on emotions felt during gameplay, discussing ways to support positive social interactions. Finally, explore the history and cultural variations of hopscotch worldwide to broaden their global awareness and appreciation of different traditions.

### Book Recommendations

- [The Everything Kids' Math Puzzles Book](#) by Meg Clemens: Engaging puzzles that encourage mathematical thinking suitable for children around 11 years, perfect to complement number-based games like hopscotch.
- [Sport in Ancient Times](#) by Nancy Honovich: Explores the history of games and physical activities from ancient civilizations, including early forms of children's games similar to hopscotch.
- [How to Be a Friend: A Guide to Making Friends and Keeping Them](#) by Laurie Krasny Brown and Marc Brown: A practical guide focusing on social skills development like cooperation and communication, valuable for group games and social play.

### Learning Standards

- Physical Education: Develop agility and balance through movement sequences (UK National Curriculum: KS2 PE - Physical development).

- Mathematics: Recognise and use the number sequence and apply simple problem-solving in games (UK National Curriculum: KS2 Maths - Number and place value).
- Personal, Social, Health and Economic Education (PSHE): Develop cooperation, communication, and emotional awareness in group play (UK PSHE Association Guidance for KS2).

### **Try This Next**

- Design a custom hopscotch grid incorporating multiplication or division facts to solve as part of the game.
- Create a reflection journal where the child records how they felt during the game and what social skills they used or learned.