

Core Skills Analysis

Physical Education

- The student develops gross motor skills through balancing and pushing the skateboard forward.
- Coordination and spatial awareness improve as the child learns to steer and maneuver around obstacles.
- The activity encourages physical confidence and risk assessment by practicing safe stopping and starting techniques.
- Endurance and strength build progressively as the child engages in repeated skateboarding movement.

Science

- The student explores basic physics concepts such as friction and gravity by observing how the skateboard moves on different surfaces.
- Understanding cause and effect is reinforced when the student notices how pushing harder makes the skateboard go faster.
- Balance and center of gravity principles are experienced firsthand, helping the child grasp body positioning for stability.
- The student experiments with motion dynamics through starting, stopping, and turning motions on the skateboard.

Personal, Social, Health and Economic Education (PSHE)

- The child practices self-confidence and independence by learning to skateboard with minimal assistance.
- Social skills are developed if the activity involves sharing the skateboard and taking turns with peers or adults.
- The activity introduces basic safety awareness, encouraging the student to recognize the importance of protective gear and environment safety.
- Perseverance is fostered as the child overcomes initial challenges related to balance and control on the skateboard.

Tips

To enhance the student's learning experience, teachers and parents can provide a safer environment with varied surfaces to explore how they affect movement, further reinforcing physics concepts and motor skills. Encouraging the student to try simple tricks or setting small challenges helps develop problem-solving and perseverance. Introducing protective gear and discussing its importance will boost safety awareness. Complementary activities such as balance beam exercises, obstacle courses, or bicycle riding can broaden the child's physical development and understanding of motion. Additionally, group skateboarding sessions can foster cooperation and turn-taking skills.

Book Recommendations

- [Skateboard Showdown](#) by Moira Butterfield: An engaging story about young skateboarders learning tricks and teamwork, perfect for early readers.
- [Skateboarding: The Ultimate Guide](#) by Josie Majhanovich: A beginner-friendly introduction to skateboarding basics, safety tips, and simple science behind riding.

- [Stick and Stone](#) by Beth Ferry: While not specifically about skateboards, it promotes friendship and perseverance, essential traits learned through skateboarding.

Learning Standards

- PE: KS1 Physical Education - Developing balance, agility, and coordination (NC 2014: PE1, PE2)
- Science: KS1 Science - Everyday materials and forces like push and pull (NC 2014: Sc1, Sc2)
- PSHE: KS1 Personal, Social, Health and Economic Education - Keeping safe and managing risks (NC 2014: PSHE1)