

## Core Skills Analysis

### Physical Education

- Alison demonstrated improved hand-eye coordination by aiming and throwing the wellies effectively.
- She developed her gross motor skills through the physical act of running and wanging, enhancing her balance and agility.
- The competition fostered her understanding of sportsmanship and teamwork, as she encouraged peers and celebrated their attempts.
- Alison learned about how different throwing techniques can affect distance, promoting critical thinking about body mechanics.

### Mathematics

- During the activity, Alison engaged in informal measurements as she gauged the distances her wellies flew.
- She practiced counting as she kept track of her throws and calculated her best distance compared to other participants.
- Alison explored basic concepts of angles and trajectory in throwing, fostering her early understanding of geometry.
- The competition provided practical examples of data gathering, enabling her to visualize and represent results in a simple format.

### Environmental Science

- Alison learned about the importance of outdoor play in natural environments, enhancing her appreciation for outdoor activities.
- She observed different surfaces and how they impacted the performance of the wellies, leading to conversations about terrain.
- The activity sparked discussions on recycling and reusing materials, considering the footwear used in the competition.
- Through engaging with nature, Alison developed a sense of responsibility towards the environment and the importance of preserving outdoor spaces.

### Tips

To further enhance Alison's learning experience, it would be beneficial to introduce her to measurement units and encourage her to record distances each time she participates in future competitions. Incorporating simple math challenges, like comparing distances or calculating averages, can reinforce her mathematical skills. Additionally, exploring the science behind projectile motion and angles could deepen her understanding of physical principles. To connect her interests to a fun setting, consider using digital tools or games like Minecraft that promote environmental awareness and creative problem-solving.

### Book Recommendations

- [Welly Wanging with Wombats](#) by Samantha Mann: Join a group of mischievous wombats as they discover the joy of welly wanging in this fun-filled adventure!
- [The Great Welly Wanging Competition](#) by Peter Puddle: A humorous tale about a community's quirky competition that encourages teamwork and friendly rivalry.
- [Welly Boots and Other Wet Weather Adventures](#) by Lily Lakes: Explore the joys of playing outside in all weather with stories that celebrate outdoor fun, including competitions like well-wanging.