

## Core Skills Analysis

### Mathematics

The child tipped seeds from one cup to another, counting each handful as they moved the grains. They compared the amount of seeds left in the first cup with the amount that landed in the second cup, establishing a one-to-one correspondence. By noticing that some seeds slipped out, the child began to recognise that numbers can change based on actions. This hands-on activity helped them develop early counting and basic measurement concepts.

### Science

The child handled seeds, feeling their size, texture, and weight, which introduced them to the physical properties of plant parts. While moving the seeds, they observed that the seeds rolled or fell differently, prompting curiosity about how seeds disperse in nature. This tactile exploration supported an early understanding of seeds as a stage in a plant's life cycle. The activity laid a foundation for later inquiry into germination and plant growth.

### Language Arts

The child described the seeds aloud, using words like "smooth," "tiny," and "soft" as they transferred them between cups. They narrated the steps of the game, sequencing actions such as "first I lift the cup, then I tip it gently." By sharing their experience, the child practiced oral language skills and expanded descriptive vocabulary. This verbal recounting reinforced narrative structure and expressive communication.

### Tips

Extend the seed-tipping game by introducing a simple sorting challenge—have the child separate seeds by size or colour and place them into labelled containers. Turn the activity into a storytime session where the child imagines the seeds traveling on a journey, encouraging imaginative language use. Add a measurement component: use a small spoon to measure how many seeds fit, then compare the results with a partner. Finally, connect the experience to a garden visit, letting the child observe real seeds sprouting and reinforcing the science concepts.

### Book Recommendations

- [The Tiny Seed](#) by Eric Carle: A classic picture book that follows a single seed's journey from wind-blown travel to blooming flower, introducing growth cycles in simple, lyrical language.
- [From Seed to Plant](#) by Carole Lexa Schaefer: A nonfiction picture book that explains how seeds grow into plants, with clear illustrations and facts suitable for young learners.
- [Planting a Seed](#) by Jillian Harker: A gentle story about a child planting a seed and watching it grow, emphasizing patience, observation, and the wonder of nature.

### Learning Standards

- Mathematics: ACMMG047 – Recognise, describe and compare quantities using objects, including one-to-one correspondence.
- Science: ACSSU094 – Investigate the properties of living things, focusing on seeds as part of plant life cycles.
- English (Language): ACELA1485 – Develop oral language by describing sensory experiences and sequencing actions.

### **Try This Next**

- Create a simple tally chart on paper showing how many seeds were moved each round, then discuss which round had the most or fewest seeds.
- Provide a blank seed-drawing worksheet where the child draws the cups, seeds, and adds a caption describing the texture and movement.