

Core Skills Analysis

Science

- The 1-year-old student developed an understanding of gravity and motion by observing how objects slide down the slide.
- Through this activity, the student explored cause and effect relationships as they noticed that pushing objects down the slide resulted in movement.
- The concept of friction was introduced as the child may have felt objects sliding smoothly or stopping abruptly depending on the surface.
- The student may have also engaged in problem-solving by figuring out how to position objects for the best sliding experience.

Tips

To further enhance the learning experience from this activity, you can introduce different types of objects with varying shapes and sizes for the child to slide down the slide. Encourage the child to predict how each object will move and discuss the results together. Additionally, incorporate ramps of different angles to observe how it affects the speed and trajectory of the sliding objects. This hands-on exploration will deepen the child's understanding of basic physics concepts in a fun and interactive manner.

Book Recommendations

- [Slide and Find - Animals](#) by Roger Priddy: This interactive book engages toddlers in sliding panels to reveal different animals, combining the concept of sliding and discovery.
- [Slide and Seek Colors](#) by Roger Priddy: A book that introduces colors through sliding mechanisms, perfect for reinforcing the concept of sliding objects.
- [Baby Loves Gravity!](#) by Ruth Spiro: An educational board book that simplifies the concept of gravity in a playful and engaging way for young readers.