

Core Skills Analysis

Mathematics - Early Number Sense

- Cillian practiced recognizing numbers from 0 to 10, enhancing his numeral identification skills.
- He developed fluency in counting sequentially within the range of 0 to 10.
- Cillian improved his one-to-one correspondence by associating a number symbol with a quantity during the lessons.
- The activity introduced basic number order concepts and the idea of zero as a number.

Tips

To deepen Cillian's understanding of numbers 0-10, encourage hands-on counting experiences using everyday objects like toys, snacks, or household items. Create matching games where he pairs numeral cards with physical quantities to reinforce number recognition and counting accuracy. Introduce playful number stories or rhymes that emphasize counting sequences and the special role of zero. Additionally, practicing writing numbers with different materials, such as sand or finger paint, can help connect tactile experiences with symbolic representation.

Book Recommendations

- [Chicka Chicka 1 2 3](#) by Bill Martin Jr. and Michael Sampson: An engaging and rhythmic counting book that introduces numbers 1 through 10 in a fun, memorable chant.
- [Zero the Hero](#) by Joan Holub: A playful story that personifies zero and teaches its importance in counting and place value.
- [Count with Maisy](#) by Lucy Cousins: A simple, colorful counting book perfect for young children learning numbers 0-10.

Learning Standards

- CCSS.MATH.CONTENT.K.CC.A.1 - Count to 100 by ones and by tens.
- CCSS.MATH.CONTENT.K.CC.A.2 - Count forward beginning from a given number within the known sequence.
- CCSS.MATH.CONTENT.K.CC.B.4 - Understand the relationship between numbers and quantities; connect counting to cardinality.
- CCSS.MATH.CONTENT.K.CC.B.5 - Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle.

Try This Next

- Create a worksheet with numbers 0-10 where Cillian can connect dots to match numbers with groups of objects.
- Design a simple quiz asking Cillian to identify missing numbers in a 0-10 sequence to practice number order.