

## Core Skills Analysis

### Math

- Eisley is beginning to understand the concept of division as a method for splitting quantities into equal parts.
- She is learning to interpret division problems both as sharing and grouping, foundational to understanding division in varied contexts.
- Eisley is developing procedural skills to carry out division operations, including dividing numbers accurately.
- She is building number sense by exploring relationships between multiplication and division as inverse operations.

### Tips

To deepen Eisley's understanding of division, consider introducing hands-on activities using physical objects like counters or blocks to illustrate how division splits a whole into equal groups. Story problems that relate to real-life scenarios, such as sharing snacks or dividing sets of items, will help her connect abstract division concepts to everyday situations. Incorporating games that require quick division decisions can add an element of fun and engagement. Finally, exploring the relationship between multiplication and division through fact families helps reinforce the inverse nature of these operations, strengthening her overall arithmetic fluency.

### Book Recommendations

- [The Doorbell Rang](#) by Pat Hutchins: A delightful story that introduces division in a practical, engaging context as children share cookies evenly among friends.
- [Sir Cumference and the First Round Table](#) by Cindy Neuschwander: A fun tale that explores mathematical concepts, including division, through medieval adventures.
- [Division Facts and Strategies](#) by Kelly L. Maxwell: An accessible guide focused on division facts with strategies suitable for middle-grade learners.

### Learning Standards

- CCSS.MATH.CONTENT.4.OA.A.2 - Multiply or divide to solve word problems involving multiplicative comparison.
- CCSS.MATH.CONTENT.4.NBT.B.6 - Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors.
- CCSS.MATH.CONTENT.3.OA.B.6 - Understand division as an unknown-factor problem.

### Try This Next

- Create a worksheet with real-world division problems involving sharing items evenly among groups.
- Set up a simple card game where Eisley matches multiplication facts with their corresponding division problems to practice fact families.