Core Skills Analysis

Math

- Developed skills in interpreting and creating bar graphs using data collected, enhancing visual data literacy.
- Practiced skip counting by 25s, reinforcing understanding of multiplication patterns and number sequences.
- Engaged with estimation using the hundredth chart, fostering number sense and approximation skills.
- Explored measurement concepts through comparisons in inches and centimeters, linking numeric values to real-world objects.

Tips

To deepen understanding, encourage your student to create their own bar graphs with household data, such as tracking daily temperatures or counting items by 25s (e.g., coins). Use real-life measurement tasks involving inches and centimeters, like measuring furniture or plants, to make math concrete. Integrate time-telling by asking about daily routines using quarter-hour increments and practice writing numbers 40-70 in different fun contexts, such as numbered game boards. Finally, combine subtraction word problems with number bonds and fact families to build fluency in addition and subtraction relationships.

Book Recommendations

- [Math Potatoes: Mind-Stretching Brain Food](#) by Greg Tang: A creative book that uses patterns and puzzles to enhance number sense and problem-solving skills.
- [The Grapes of Math](#) by Greg Tang: Focuses on estimation and number patterns with engaging illustrations and activities.
- [Measuring Penny](#) by Loreen Leedy: Teaches measurement concepts by using a real-life story involving inches and centimeters.

Learning Standards

- CCSS.MATH.CONTENT.2.MD.D.10 - Draw a picture graph and a bar graph to represent a data set with up to four categories.
- CCSS.MATH.CONTENT.2.NBT.B.2 - Count within 1000; skip-count by 5s, 10s, and 25s.
- CCSS.MATH.CONTENT.1.MD.A.1 - Order three objects by length; compare the lengths of two objects indirectly.
- CCSS.MATH.CONTENT.2.MD.C.7 - Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.
- CCSS.MATH.CONTENT.2.OA.B.2 - Fluently add and subtract within 20 using mental strategies.

Try This Next

- Create a personalized bar graph using daily data on quarters and half dollars collected from chores or allowances.
- Design a number pattern chart to visualize counting by 25s and ten more/ten less with colorful stickers or drawings.