



Math Inquiry: Parent Connections

MATH B

Material	Tiles 16–18
Unit Topics	Reading pie charts, box plots, and dot graphs Continuation of probability studies Writing algebraic expressions from verbal expressions Finding algebraic patterns in a problem
Models for Learning	Bar models (tape diagrams), scales for balance
Vocabulary	Variable: A symbol that represents an unknown value Algebraic expression: An expression of numbers, variables, and their operations that represents a verbally described quantity. For example, “two more than some number” can be written as “$x + 2$.” Verbal expression: A description of a situation or quantity that can be translated into a mathematical context. For example, the verbal expression for $2x - 5$ is “five less than twice x.” Range: The difference between the largest and smallest items in a list of data.

In these Math Inquiry tiles, after further review of integer operations, students continue studying models of data visualization and mean, median, and mode. They then dive into algebraic thinking, exploring it through problems about quantity and questions about algebraic expressions. They also practice writing verbal expressions as algebraic expressions.

Discussion Questions and Topics

- Discuss [this graph](#) that shows the cost of eggs over a period of time. Discuss its effect on what people might buy and how they might eat.
- Ask your child what they are most proud of in the last math Notebook and why.

Ways to Engage

Avenues Math Inquiry: Parent Connections

- With your child, peruse a newspaper or look online to find data visualizations that need to be interpreted. Then, practice interpreting them.
- Go to the [“What’s Going on in This Graph”](#) resource and choose a graph to explore and analyze with your child.