

## SIX KEY AREAS OF EARLY MATHEMATICS LEARNING

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### Cardinality and Counting

Understanding that the cardinal value of a number refers to the quantity, or 'howmanyness' of things it represents



### Comparison

Understanding that comparing numbers involves knowing which numbers are worth more or less than each other



### Composition

Understanding that one number can be made up from (composed from) two or more smaller numbers



### Pattern

Looking for and finding patterns helps children notice and understand mathematical relationships



### Shape and Space

Understanding what happens when shapes move, or combine with other shapes, helps develop wider mathematical thinking



### Measures

Comparing different aspects such as length, weight and volume, as a preliminary to using units to compare later