

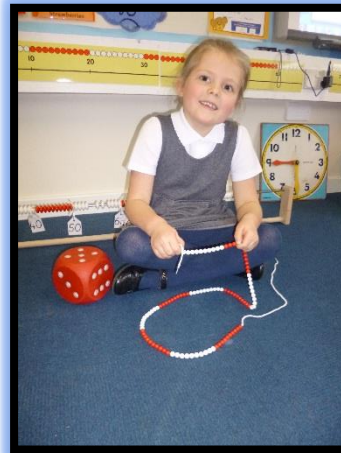
Characteristics of a Mathematician

Fluent knowledge and recall of number facts and the number system.

An understanding of mathematical vocabulary, the important concepts and an ability to make connections within mathematics.

The ability to think independently and to persevere when faced with challenges and learn from mistakes.

Fluency in performing written and mental calculations and mathematical techniques.



The ability to show initiative in solving problems in a wide range of contexts, including the new or unusual

The ability to reason, generalise and make sense of solutions.

A broad range of skills in using and applying mathematics.