

## Mathematical Thinking Profile

|                       | <b>Mild</b>   | <b>Spicy</b>   | <b>Hot</b>  |
|-----------------------|---|--|---|
| <b>Generalisation</b> | I can spot things which are similar and things which are different in problems.   | I can explore patterns and rules.  | I can investigate what will happen if part of the problem is changed.               |
| <b>Metacognition</b>  | I can identify the important parts of a problem and know what I need to find out. | I can select an appropriate method.  | I can prove that my answer is correct by showing my working out in a different way. |
| <b>Visualisation</b>  | I can draw a picture to represent the problem.                                    | I can use a model or image to help me to solve the problem.                            | I can picture the problem in my head.   |
| <b>Number Sense</b>   | I can use what I already know to help me to solve a problem.                      | I can use my knowledge of place value and the relationship between numbers to help me. | I can use an appropriate mental calculation method.                                 |
| <b>Communication</b>  | I can explain how I solved the problem.   | I can talk about the parts I found hard and easy when solving a problem.               | I can solve the problem in a different way.   |