



## Spirituality Overview- Maths

<p style="text-align: center;"><b><u>Self</u></b></p> <ul style="list-style-type: none"> <li>• Deep thinking – explaining <i>why</i> something works</li> <li>• Think about mistakes and how/what we've learned from them</li> <li>• Reflect on different ways to solve a problem</li> <li>• Reflect on daily practice</li> <li>• Perseverance and personal growth – developing confidence, building resilience to solve challenging problems, experience achievements after struggles.</li> </ul>	<p style="text-align: center;"><b><u>Others</u></b></p> <ul style="list-style-type: none"> <li>• Respect – understanding that there may more than 1 way of solving a problem, different strategies, different explanations can be valid.</li> <li>• Listening and valuing – listen to others' reasoning, build on ideas, celebrate success</li> <li>• Collaborative work – working together to investigate, discuss and solve problems. This develops patience, shared responsibilities and supporting each other.</li> <li>• Empathy – understanding and supporting peers who might find maths challenging, recognising that everyone learns at difference paces, being kind and clear when explaining concepts.</li> </ul>
<p style="text-align: center;"><b><u>Transcendence (Beyond)</u></b></p> <ul style="list-style-type: none"> <li>• Exploring infinity – there's no biggest number. This realisation takes thinking beyond limits.</li> <li>• Moving from concrete to abstract learning. Understanding that their understanding and learning can move beyond what can be seen and touched.</li> <li>• Mathematical ideas that stretch the imagination, children thinking beyond their every day world e.g, negative numbers (something you can't physically see), the size of space when measuring distance.</li> <li>• Proving – asking questions such as 'Will this always work?' 'Why does this rule work?' Moves learning into deeper thinking.</li> </ul>	<p style="text-align: center;"><b><u>Nature/ World</u></b></p> <ul style="list-style-type: none"> <li>• Developing a sense of awe and wonder when connections are made or through discovery – patterns. Encourages curiosity and deeper thinking.</li> <li>• Sense of order and truths. Universal truths – answers are the same anywhere in the world. This leads to predictability and consistency leading to children to develop a sense of security and appreciation for order over the world. It's a universal language.</li> <li>• Maths is in day-to-day life and living – shopping, time, packing, cycles, growth etc. Children can see maths as something that connects them to the wider world.</li> </ul>