My Thinking & Problem Solving

Teaching children to think and problem solve as independently as they possibly can is not an option, it is a necessity

Intent – Our Aims

- Foster curiosity, independence and develop resilience by being able to problem solve and apply and generalise the skills I have learned into adulthood.
- Develop key life skills that are a pre-requisite for my educational, emotional and social progression.
- Develop my cognitive skills of exploring investigating questioning and problem solving.
- Develop my cognitive skills through mathematical, scientific and technological concepts.

Implementation – How am I taught to think, and problem solve?

- Thinking and problem solving is within all areas of my curriculum.
- Teaching as appropriate to me through explicit maths and science lessons, cross-curricular activities, continuous provision, daily routines, 1:1 and small group work, whole school immersive themed events, external provider visits and trips within the community.
- A range of teaching strategies to facilitate the teaching of thinking and problem solving including, play, direction, demonstration, modelling, scaffolding, facilitating, explanation and discussion, questioning, guided exploration, investigations, listening/responding and evaluating.
- Time to explore, experiment and solve problems with reducing adult interventions.
- I have practical and enriching opportunities to enhance my learning, not only academically, but also socially and emotionally.
- Repetition is key for me to practise and embed my new skills.

Impact – How do I benefit from learning to think, and problem solve?

- I am able to use apply and generalise my skills to enable me to function with the maximum level of independence.
- I will have the ability to reach out, explore and comprehend my immediate and wider world.
- My achievements are celebrated in class, whole school assemblies and through the weekly newsletter.