

Creating Reasoning Routines, Building Problem-Solvers in Y3 & Y4

Online Course with Gareth Metcalfe

Session 1: Whole-Class Routines, Deconstructing Word Questions

Wednesday 20th September 2023, 1:15pm-2:45pm

In this session, we will consider how to set classroom norms that ensure all children participate fully in reasoning. This will include strategies for mass participation and the deliberate use of silence. Then, the 'slow reveal' technique will be shown for breaking down word questions. We will see how this lowers 'barriers to entry', focuses thinking on the structure of a question and it provides more open-ended opportunities for development.

Session 2: Reasoning Throughout Knowledge Acquisition

Wednesday 8th November 2023, 1:15pm-2:45pm

We will start by sharing outcomes and developing the ideas from session 1. This will include writing sequences of questions to gradually increase the challenge in answering worded questions. Then, we will consider the different ways that reasoning can be built within sequences of lessons. This will include spotting misconceptions, visual representations, explaining patterns in sequences of questions and questions with multiple answers.

Session 3: Building All Children as Problem-Solvers

Wednesday 17th January 2024, 1:15pm-2:45pm

In this session, a coherent approach to teaching and learning in problem-solving will be shared. We will consider how to activate the relevant prior knowledge, give children initial success and then how problem-solving tasks can be introduced. This will ensure that all children engage in meaningful problem-solving in all areas of maths.

Email: iseemaths@hotmail.com

Call: 07725538205

Website: www.iseemaths.com

