THE WHITE ROSE MATHS RECEPTION JIGSAW TRIAL

Don't miss this exciting opportunity to be at the forefront of current research into quality early maths CPD

In conjunction with the EEF and NFER

NFER
National Foundation for Educational Research

Education Endowment Foundation

White Rose Maths

THE RECEPTION JIGSAW TRIAL

DEVELOPING EARLY NUMBER SENSE

How do young children learn to count?

What is subitising and why is it such an important skill?

How do I teach the composition of number?

Learn the answer to all these questions and more in this engaging hands-on session. Full of practical activities and everyday games to take straight back to the classroom, this session will explore the key principles for developing young children's sense of number and set them up for a life-long love of maths.

CREATING A MATHEMATICAL CLASSROOM

In this session, we will look at how every-day routines can be developed to support mathematical learning. We will consider how to create appealing environments both inside and outside which maximise opportunities to develop children's mathematical learning across the areas of provision.

We will also look at the new WRM Reception Scheme and how this can be transferred into everyday classroom practice to provide a balance between teacher–led and child-initiated activities.

MATHEMATICAL TALK & QUESTIONING

Talk is a key component of early years mathematics. In this session, we will explore what makes a good interaction. We will consider the role of the adult in encouraging talk through open-ended questioning and the importance of developing sustained shared thinking through play.

In this session we will also explore how concrete manipulatives can be used alongside talk to uncover the structures of early addition and subtraction in order to support, challenge and engage all learners.

REASONING & PROBLEM SOLVING

In this practical, hands-on session we look at ways to deepen understanding and embed reasoning and problem solving into your every-day maths. We consider how questioning can be used, both to support all pupils to access a problem, and also, to challenge pupils to think more deeply.

This session is packed full of problem solving ideas and activities to take straight back to the classroom.

EXPLORING PATTERN & SHAPE

Noticing and exploring pattern is at the heart of mathematics. Being able to identify patterns helps children to notice mathematical relationships, to make predictions and to generalise.

We will also explore practical ways to develop an understanding of shape in the classroom: Which shapes work best when constructing? Why do some shapes roll and others stack? How can shapes be combined or partitioned to make new shapes?

In this final session, we look at the developmental progression through early pattern and shape and ways in which you can provide opportunities for children to explore these in the areas of provision.