



What does Maths teaching and learning look like at OLST?



Lesson Progression:

Teach the lesson progression as shown in our 'Curriculum Intent Document' (White Rose small steps). Lessons can be taught using a range of resources carefully chosen for your specific class. This could include White Rose Powerpoints, NCETM, Deepening Understanding, NRICH.

Included in every Lesson:

'Flashback Four'- Four questions- these can be from WR or your own to suit the children. They should include previous topics taught, things they have found tricky, revisits to areas not taught for a while.

Start each lesson with a revisit- what did we learn last lesson?

Mastery Teaching Essentials:

- Paired talk
- Use of stem sentences- a key fact which will support reasoning
- Main teaching interspersed with activities to develop understanding
- No one word answers- always encourage a reason
- Clear fluency, reasoning and problem solving. These should be clear in books.
- Use of concrete resources
- Modelling
- Questioning to challenge thinking and deepen understanding
- Developing vocabulary
- Adapted activities for SEND children

Worksheets:

If using worksheets ensure the worksheet size matches the children writing size.

Maintain high standards of presentation in books.

Show some free writing (learning to line numbers up, set out written methods to show place value understanding etc).

Rather than using whole worksheets maybe create a working strip. This may have approx. 4 fluency questions and then a PS or R question. This would leave space for free writing alongside.

Always have extension/challenge questions available.

Resources

To support the White Rose Small Step progression these are other resources you may use:

White Rose powerpoints/schemes of work

White Rose questions which can be taken from provided worksheets.

Ready to progress questions

Deepening Understanding offers more challenge and questions are pre-labelled with Fluency, Reasoning and Problem Solving.

Twinkl activities

White Rose has 4 a day which can be used and adapted.

The White Rose videos can be used but only for home learning or if a lesson is covered by a TA.

NRICH for problem solving challenges.