



Bedford Drive Primary School
Inspire, Believe, Succeed

Thank you for helping your child with their learning of maths at home.

These videos will help you to understand how we teach the maths mastery basics.

World-renowned maths expert Dr Yeap Ban Har explains the maths techniques that help children develop a deeper understanding of abstract maths concepts.

Watch the videos <https://mathsnoproblem.com/en/resources/school-at-home/>

Video Titles include:

What are the fundamentals?

Why are items only counted, added and subtracted if they have the same nouns?
Dr Yeap Ban Har explains this fundamental maths idea

What's the CPA approach

CPA stands for Concrete, Pictorial, Abstract. It's where children learn new ideas through concrete experiences first, before drawing diagrams and writing abstract problems.

What are number bonds?

Learn how to explore number bonds with Dr Yeap Ban Har using concrete materials like counters, ten frames or with symbols.

How to teach bar modelling

Bar models help children represent known and unknown quantities. Explore why bar models help simplify difficult word problems.

Why mental strategies help with addition

Discover effective mental strategies to calculate the four operations (addition, subtraction, multiplication and division).

How to teach multiplication

What are the best multiplication strategies? Dr Yeap Ban Har explains how visualisation can support times tables in a meaningful way.