

# Four Phases to Structured Maths Approach

## Phase One

*This phase is an introduction to Maths concepts and builds a solid foundation of number knowledge to 20 and addition/subtraction to 10.*



FNWS, BNWS, set making, addition, subtraction

## Phase Two

*This phase builds on the foundation in Phase One focusing on number knowledge to 100 and addition/subtraction to 20. Basic multiplication, division and rational number opportunities are introduced here.*



FNWS, BNWS, addition, subtraction, multiplication, division, intro to rational number

## Phase Three

*This phase forges ahead building on Phase One and Two. Here we focus on building comprehensive number knowledge to 100 and addition/subtraction to 100. Multiplication, division and rational numbers are extended here.*



FNWS, BNWS, addition, subtraction, multiplication, division, rational numbers

## Phase Four

*This phase builds fluency and confidence with Maths concepts. Here we focus on number knowledge to 1,000 and addition/subtraction to 100 with regrouping and a variety of strategies. Multiplication, division, timetables and rational numbers are beginning to be consolidated.*



FNWS, BNWS, addition, subtraction, multiplication, division, rational numbers

# Three Extended Phases to Structured Maths Approach

## Phase Five

*This phase builds fluency and confidence with Maths concepts from phases one-four. Here we focus on number knowledge to 10,000 and comprehensive addition/subtraction strategies. Multiplication, division, and rational number knowledge are consolidated with the introduction of decimals. Times table facts are continued to grow.*



Number knowledge, add/sub, fractions, mult/div, times table facts, intro to decimals



## Phase Six

*This phase introduces new number concepts to build a solid and robust knowledge extending from numbers to 100,000; including fractions, decimals and percentages. Addition, subtraction, multiplication and division are all continued to be strengthened; along with times table facts to 10. Rational numbers are continued to be enhanced.*



Number knowledge, add/sub, fractions, mult/div, times table facts, decimals, intro to percentages



## Phase Seven

*This phase brings about a complete coverage of numbers to 1,000,000 concepts alongside fractions, decimals and percentages. Addition, subtraction, multiplication and division are all continued to be strengthened; along with times table facts to 12. Rational numbers are solidified along with representing, converting, whole numbers and parts of a number.*



Number knowledge, add/sub, fractions, mult/div, times table facts, decimals, percentages.

# Upper Additional Phases to Structured Maths Approach

## Phase Eight



*This phase extends on the layers of Structured Maths Approach phases one-seven (Year 0-6). Here we focus on developing an in-depth understanding of number concepts to 1,000,000 with both whole numbers and parts of numbers.*

*Number operations with addition, subtraction, multiplication and division are consolidated and unpacked with whole numbers, decimals, fractions and percentages. Using GEMA to help solve left to right order and with the inclusion of exponents. Financial mathematics is also included to ensure application of concepts across number varieties.*

*Number knowledge, operations:  
add/sub, fractions, mult/div,  
rational numbers, proportional  
reasoning, financial maths*

## Phase Nine



*This phase is the final phase of Structured Maths Approach and completes the curriculum learning for Year 0-8. This continues from phase eight, consolidating key number knowledge concepts including whole and parts of numbers. Students will have a deep knowledge of number structure and make connections across number knowledge ideas.*

*Operations with whole numbers, parts of numbers, fractions, decimals and percentages in both number and problem solving practice across a range of activities and learning. Concepts from phase eight are continued to be built on to create opportunities for students to connect, investigate and explain their thinking.*

*Number knowledge, operations:  
add/sub, fractions, mult/div,  
rational numbers, proportional  
reasoning, financial maths*