

# Year 6 Maths Curriculum Overview Our Lady Star of the Sea

Here at Our Lady Star of the Sea we have adopted and devised a “Teaching for Mastery” approach to the maths curriculum. Mastering maths means acquiring a deep, secure and adaptable understanding of the subject. Central to the development of mastery in our classrooms are the “five big ideas”- these have been drawn from research evidence, underpinning teaching for mastery. The diagram below is used to help bind these ideas together:

The focus of the **program of study** for maths is the mastery of concepts. Understanding is deeply embedded- children are able to reason, make connections and solve problems. At the heart of this is the **small steps** approach to concepts and the understanding that the whole class works together with the teacher– full engagement and participation. Topics are taught until mastered.



AUTUMN	SPRING	SUMMER
CALCULATION USING KNOWLEDGE OF STRUCTURES (1)	FRACTIONS AND PERCENTAGES	ORDER OF OPERATIONS/ PROBLEM SOLVING WITH TWO UNKNOWNNS
MULTIPLIES OF 1,000 NUMBERS TO 10,000,000	RATIO AND PROPORTION	ANGLES
MULTIPLICATION AND DIVISION	AREA, PERIMETER, POSTION AND DIRECTION	SATS
DRAW COMPOSE AND DECOMPOSE SHAPES COORDINATES	MEASURES STATISTICS MEAN AVERAGE	CALCULATION USING KNOWLEDGE OF STRUCTURES (2)

Fluency of number and confidence with strategies is embedded through regular (almost daily) fluency exercises. During these short sessions children visit concepts being taught: presently; last week; last term; last year -spacing learning.

TTRockstars continued to be used to aid speed of mastery recall of table facts.