Donnington Wood CE Junior School	Our School Vision	Our core values
	Our school is a community where each person is valued as a child of God. We are a Church of England school, inspired and guided by the life and teaching of Jesus. We work together to create a caring, friendly and safe school family, to enable the whole school community to flourish and each person reach their full God-given potential.	friendship hope perseverance

Our Motto

"*The ones who plant and the ones who water work together as a team with the same purpose.*"

1 Corinthians 3:8

We believe that with God's help when we all work as a TEAM - Together Everyone Achieves More.

Progression of knowledge in Maths

Adapted from the NCETM

Key Concepts/Golden threads

Subject concepts act as coat-hangers to hook information onto and *'Golden threads'* that run throughout the curriculum. This allows the pupils to store this knowledge into the long-term memory and to remember for longer. Developed on research by Jan Meyer and Ray Land (2003), the use of concepts in our curriculum are used to capture the most important essence (knowledge) of the subject. The same concepts are explored in every year group and students will gradually increase their understanding of them.

Number and place value	Four operations	Fractions, decimals and percentages	Measurement	Properties of shape	Position and direction	Statistics	Algebra	Ratio and proportion
H T U 3(5)4	+ ÷ X −	$\frac{1}{2}$					$a^2+b^2=c^2$	4:3
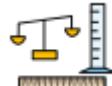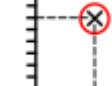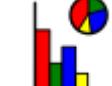
KEY CONCEPT: RATIO AND PROPORTION						
Strands	**Y1**	**Y2**	**Y3**	**Y4**	**Y5**	**Y6**
Statements only appear in Year 6 but should be connected to previous learning, particularly fractions and multiplication and division						I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.
						I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
						I can solve problems involving the calculation of percentages and the use of percentages for comparison.
						I can solve problems involving similar shapes where the scale factor is known or can be found.