Mathematics Knowledge Sequencing at Knavesmire Primary	
Mathematics Understanding, Knowledge and Skills objectives:	
Intent:	INTENT: At Knavesmire, our Intent is that every pupil accesses a broad and balanced mathematical experience through the statutory framework for the early years foundation stage and the national curriculum. Maths is presented as a challenging, exciting, creative and relevant subject. We believe that practical and outdoor activities help children to develop and understand a range of mathematical concepts.
Substantive knowledge in Mathematics:	At Knavesmire, children learn a range of mathematical concepts that act as foundations for their journey through school and beyond. 'Pre-requisite Skills' such as the knowledge of times-tables, number bonds and a knowledge of shape, allow children to apply this to mathematical problems in a range of contexts which enables mathematical agility. This knowledge is acquired through daily teaching with a particular focus on morning maths starters, use of games on Chromebooks, teaching of times-tables and Key Performance Indicators.
Disciplinary knowledge in Mathematics:	Based on the foundations of the substantive knowledge acquired through school, children can apply these concepts to form *well-reasoned* responses to mathematical questioning and understand the processes that allow them to draw their own conclusions. This allows to children to apply their knowledge in a real life contexts and adjust their mathematical thinking as a result.
Mathematics:	The study of number, pattern, geometry and form; using reasoning and fluency to find, order and solve problems.