Knowledge Overview Stage 7

1.
Know the groupings of tens, hundreds and thousands that can be made from a number of up to seven digits

2.
Know the groupings of numbers up to 10 that are in numbers up to 100 and find the remainders e.g. sixes in 38.

3.
Know multiplication and division facts to 10 x 10.

4.
Identify factors of numbers up to 100 including prime numbers.
Identify common multiples of numbers up to 10.

13.
Record column addition and subtraction of whole numbers. Record short multiplication and division by a single digit number.

11.
Order fractions with different denominators. Know equivalent fractions.

5.
Know divisibility rules for 2, 3, 5, 9 and 10.

12.
Recall fraction - decimal - percentage conversions for halves, thirds, quarters, fifths and tenths.

10.
Round whole numbers and decimals with up to two places to the nearest whole number or tenth.

6.
Recall square numbers to 100 and know the corresponding square roots.

7.
Order decimals to three places.

9.
Say the number one-thousandth, one-hundredth, one-tenth, one, ten etc before and after any given whole number.

8.
Say forwards and backwards decimal word sequences by thousandths, hundredths, tenths, ones - starting at any number.

Numeracy
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Stage 7 **Knowledge Overview**	**Dates** Sheet no's		
Read and write numbers to 1 000 000 000 000	K7- 1 / K7- 8		
Identify 10's, 100's and 1 000's in numbers	K7- 9 / K7- 19		
Order whole numbers	K7- 20 / K7- 25		
Round whole numbers	K7- 26 / K7- 28		
Multiply and divide by 1 digit	K7- 29 / K7- 51		
Multiply and divide by 10, 100,1 000	K7- 52 / K7- 55		
Identify how many groups are in numbers	K7- 56 / K7- 59		
Factors in numbers	K7- 60 / K7- 61		
Prime numbers	K7- 62 / K7- 65		
Multiples of numbers	K7- 66 / K7- 85		
Common multiples	K7- 86 / K7- 99		
Divisibility rules	K7- 100 / K7- 101		
Squared numbers and square roots	K7- 102 / K7- 107		
Read and write decimal numbers	K7- 108 / K7- 110		
Identify the number one tenth, one hundredth, one thousandth before or after	K7- 111 / K7- 115		
Order decimal numbers	K7- 116 / K7- 122		
Round decimal numbers	K7- 123 / K7- 130		
Multiply and divide decimals by 10, 100 and 1 000	K7- 131 / K7- 132		
Identify equivalent fractions	K7- 133 / K7- 136		
Order fractions and improper fractions	K7- 137 / K7- 145		
Fraction, decimal and percentage conversions	K7- 146 / K7- 156		
Addition, subtraction, multiplication and division algorithms	K7- 157 / K7- 164		