

KIRFs

Key Instant Recall Facts

- Declarative knowledge is static in nature and consists of facts, formulae, concepts, principles and rules. It can include the facts of number, time and space.
- Any sequence of learning requires prior learning. It is essential that children are familiar with the facts and methods required to be successful at using the strategies taught and applied in that sequence of learning.

		Autumn	Spring	Summer
E Y F S 1	N3- 2yrs	Count to 3 in songs and play.	Use finger numbers to show 1 and 2.	Recognise that a single item shows the amount of one.
	N2- 2-3yrs	Count up to 5, sometimes missing numbers in their play.	Compare amounts using 'more' 'same' and 'lots'	Use finger numbers to 3. Count up to three objects out of a larger group of items.
	N1- 3-4yrs	Count up to 5 in order. Recognise numerals to three. Use fingers to subitise amounts to 4.	Recognise amounts of objects up to 3 without needing to count. Show finger numbers up to 5. Count to 6 in order.	Compare amounts using more and less. Recognise numerals up to 6. Count to 10, sometimes missing numbers. Link numerals to amounts, up to 5. Count objects accurately, saying one number for each item.
EYFS 2		Say numbers in order to 5 and count up to 3 objects. Say numbers in order to 10 and count up to 5 objects. One more and one less of a given number up to 3. Recognise quantities up to 3 without counting (subitising).	Recognise quantities up to 5 without counting (subitising). Partition numbers up to 5 into two groups. One more and one less of a given number up to 6	Recognise numbers up to 10 and count up to 10 objects. Recite number names in order to 20. Recall double facts up to double 5. Recall some number bonds to 10. One more and one less of a given number up to 10
Year 1		Know numbers within 10.	Know numbers with 50. Know number bonds within 20.	Know numbers within 100.

	Know number bonds within 10.		Know all doubles and halves of even numbers to 20. Count in 1s (to 100) 2s (to 20), 5s (to 50) and 10s (to 100).
Year 2	Know place value of numbers to 100. Know number bonds within 20. Know bonds to 100 (tens) Know names of common 2D and 3D shapes	Know 2 x table and related division facts. Know 5 x table and related division facts. Know 10 x table and related division facts.	Tell the time to the hour. Tell the time – quarter past and quarter to. Tell the time – to 5 minutes.
Year 3	Know place value of numbers to 1000. Know 3 x table and related division facts.	Know 4 x table and related division facts. Know 8 x table and related division facts.	Tell the time – to the minute. Identify right angles. Identify parallel and perpendicular lines.
Year 4	Know place value of numbers to 10,000. Know 6 x table and related division facts. Know 9 x table and related division facts.	Know 7 x table and related division facts. Know 11 x table and related division facts. Know 12 x table and related division facts. Know place value of decimals up to 2dp.	Know facts about time durations (years, months, weeks and days). Tell the time using the 12- and 24-hour clock.
Year 5	Know the multiplication and division facts for all times tables up to 12 x 12. Know place value of numbers to 1,000,000. Know Roman numerals to 1000. Know all prime numbers up to 20.	Know place value of decimals up to 3dp. Know all decimals (with up to 2 decimal places) that total 1 and 10. Be able to recall common equivalent fractions.	Know and identify different angles. Know and recall all metric conversions.
Year 6	Know place value of numbers to 10,000,000. Identify common facts of a pair of numbers. Know prime numbers to 20.	Know square roots and square numbers to 20. Know cube roots and cube numbers to 20.	Consolidation.

