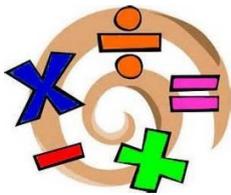


Learn Its



Year R

Summer term

The aim of these 'Learn Its' which are focused on in school and for **Home Learning** is to give the children **regular** but **short practice** at key maths facts. Some of the facts may seem quite basic, but this practice will help them develop their **confidence** and **recall**, which will help them **apply** them in their maths learning.

Wherever we can we want to make this **practice fun** and **practical**. Please feel free to make up your own games / activities, or adapt / swap the ones suggested below. We also need lots of opportunities to **talk** about the maths and to show that we as adults **enjoy** it too.

To count up to 20 objects accurately, knowing when to stop, using 1:1 correspondence.

- Count out toys, pieces of lego, jigsaw pieces when playing games and building models and jigsaws
- Play card games which involve sharing cards between players. Count them out together as the cards are shared
- Count the stairs in your house when going up them
- Count objects such as socks (*e.g. when hanging them up or putting them away*) or cutlery (*e.g. when setting the table or unloading the dishwasher*)

To count aloud from 0 to 20 and beyond.

- Similar activities as above
- Count how long it takes to do certain activities (*e.g. a route climbing around a park, how long it takes to scoot or cycle along a path*)

To count backwards from 10 accurately.

- Count backwards when going down the stairs at home
- How many things can you do in 10 seconds? Get socks on? Wash your hands? Hang your coat up? Set practical challenges such as these, and count down together from 10 whilst your child does them.

To recognise and order numerals to 20 accurately.

- Play games involving numbers (*e.g. snakes and ladders, cards, Uno*)
- Discuss scores from sports games you watch together
- Look at temperatures for the day and night on a weather app
- Write the numbers 1-20 on pieces of paper / card. Mix them up and then see if your child can put them back in order with you.
- Write most of the numbers 1-20 on a piece of paper as a numberline. Miss out a few numbers. Can your child work out the missing numbers?

To add and subtract 2 single digit numbers.

- Count how many of certain types of food is on your child's plate and someone else's. How many altogether?
- When they know how many pieces of a certain food are on their plate, estimate how many will be left when 1, 2 or 3... are taken away.
- Using everyday objects at home (*e.g. socks, cards, lego...*) have 2 piles. How many in each and how many in total?
- Using cards (1-10) put two cards down and add the 2 numbers together
- Memory tray. Have a selection of objects on a tray. Count how many there are. One person looks away, whilst the other person takes some objects off. The first person then has to count how many are left and try and work out how many were taken away

Begin to use the vocabulary of addition and subtraction in practical situations, in real life contexts and through play.

- For addition we might use: add, plus, total, more and altogether
- For subtraction we might use: take away, subtract, minus and less

Solve real life problems using doubling, halving and sharing.

- We often use doubling with clothing such as socks, shoes and gloves. E.g. we have four people so how many shoes will we need?
- We often use sharing in games (e.g. card games) or sharing food (e.g. sweets, biscuits, cakes...if you are feeling generous)
- You can also explore halving when cutting food in half (e.g. toast and sandwiches)