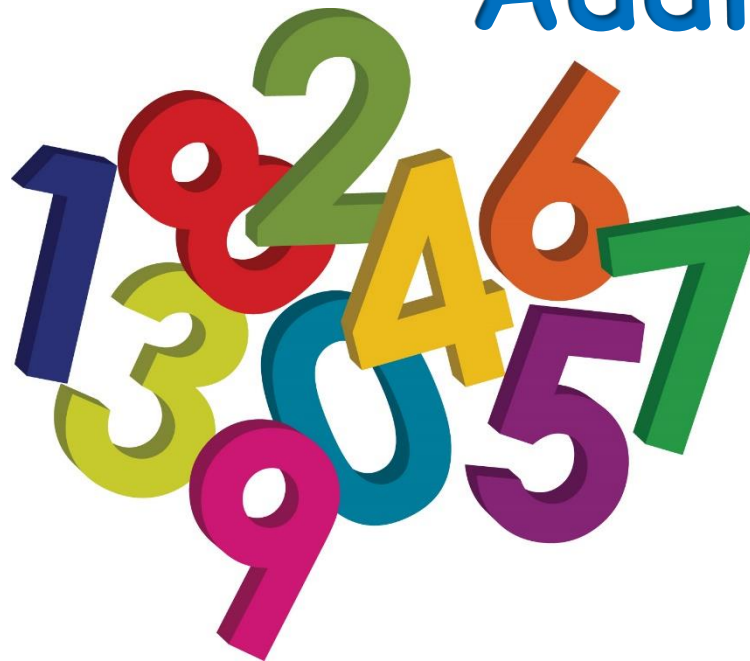




Maths

Booklet

Addition



Hawthorns

The aim of this booklet is to outline what is expected by the end of the year. We have included some of the strategies that will be used in class so that support is given in the same way.

We have included some games and activities that can be done at home to help them develop fluency and understanding.

Addition Expected Targets.

- Recall all number bonds within 10.
- Represent and use number bonds and related subtraction facts within 20
- Add one-digit and two-digit numbers, including 0
- Add 3 single digits up to 20.
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$

Number bonds of numbers up to 20

$1 + ? = 5$

$2 + 3 = ?$

$? + 1 = 5$

$15 = 4 + ?$

$5 + 5 = ?$

$? + 14 = 20$

$10 = 6 + ?$

$9 + 1 = ?$

Add one digit and 2 digit numbers.

$15 + 5 = ?$ Spot the number bond $5 + 5$.

$24 + 5 = ?$ I know $4 + 5$ is 9 so $24 + 5$ is 29.

Add 3 single digit numbers.

$3 + 7 + 8$

* $2 + 9 + 8$

Use number bonds to help

* $7 + 3 = 10$. Add $8 = 18$

* $2 + 8 = 10$. Add $9 = 19$

Be able to say confidently one more or one less for any number up to 20. Then progress to two more and two less. Make a number line to help. Make sure all the numbers are the right way around!

This is a good link to practice number bonds:

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

This is a good link to practice more or less:

<https://www.topmarks.co.uk/learning-to-count/chopper-squad>

Create a 100 square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the number square to count in ones, forwards and backwards.

Count down the columns in 10s starting from different points.

Guess which number I am thinking of – describe where it is, eg it is 2 more than 44. It is 20 more than 40. It is 10 less than 42. Take in turns to guess a number – to make it fair, write it down first.

Play lots of board games, snakes and ladders, ludo etc. They are great for counting on and back in different amounts and for estimating how many more you need to get to the place you want.

Get a pack of cards and play simple games like snap.

Take all the 2 cards, the 3s, 4s, 5s, 6s, 7s, 8s, 9s and 10s out of a pack and play happy families. Deal out 6 cards each and try to get a set of 4 of one number. You will need to take a card from the top of the pack if you can't make a set and keep going until there are no cards left.

There is a great game called Higher or Lower where you have a pack of cards face down, turn the first one over, say it is an 8. Guess whether the next card you turn over will be higher or lower, if you are right you keep it. Take it in turns and see who can keep going the longest.

Watch children's TV programmes like NumberJacks together to discuss the content.

Turn out a purse or pocket of change and add the coins together to find out how much money there is altogether. Can you sort the coins into value. Find different ways of making 10p

Most of all, have fun!