

Parent Fluency Workshop Year 1



The aims of this workshop are to:

* Help you understand what **fluency** in Maths is

* **Games** and **ideas** on how you can help your child at home to **improve** these skills



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In Year 1

Mathematics

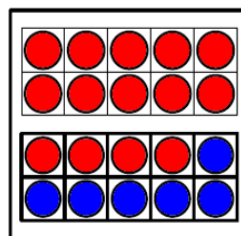
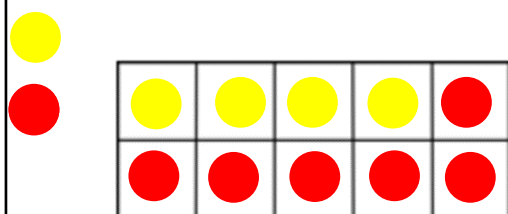
- Count to and across 100, forwards & backwards from any number.
- Read and write numbers to 20 in numerals & words.
- Read and write numbers to 100 in numerals.
- Say 1 more/1 less to 100.
- Count in multiples of 2, 5 & 10.
- Use bonds and subtraction facts to 20.
- Add & subtract:
 - 1 digit & 2 digit numbers to 20, including zero.
- Solve one-step multiplication and division using objects, pictorial representation and arrays.
- Recognise half and quarter of object, shape or quantity.
- Sequence events in chronological order.
- Use language of day, week, month and year.
- Tell time to hour & half past.



Number bonds to 10



Using the 10 Frame



There are 14 red counters
There are 6 blue counter
Altogether there are 20 counters.

$$\begin{array}{r} 14 \\ + 6 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 6 \\ + 14 \\ \hline 20 \end{array}$$

 $3 \times 7 =$	 $13 \times 7 =$	 $4 \times 6 =$	 $14 \times 6 =$
 $2 \times 8 =$	 $12 \times 8 =$	 $5 \times 5 =$	 $15 \times 5 =$
 $1 \times 9 =$	 $11 \times 9 =$	 $9 \times 1 =$	 $19 \times 1 =$

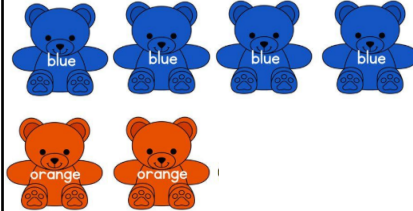
Using stories

Story

I have 4 blue bears.

I have 2 orange bears.

I have 6 bears altogether.

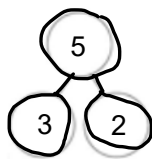


Use for
addition &
number
bonds

Part-Whole Model



Part-whole model



$$\begin{array}{r} 3 + 2 = 5 \\ 5 = 2 + 3 \end{array}$$

Using 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

Lots of work on:

* one more, one less

* 10 more, 10 less

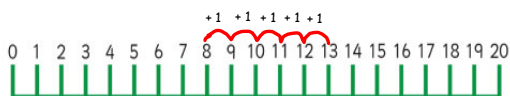
* Counting in 2s, 5s
or 10s

The aim is for children
to be able to visualise
the number square in
their minds.

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Using a Number Line

Number lines are introduced with numbers on them already and children are taught to count on from the biggest number in jumps of one.

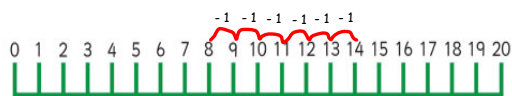


$$5 + 8 = 13$$

$$25 + 19$$

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Number lines are introduced with numbers on them already and children are taught to count backwards from the biggest number in jumps of one.



$$14 - 6 = 8$$

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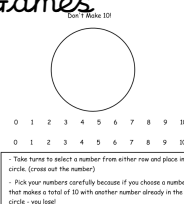
MAKE IT FUN!

Play Games



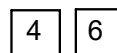
Using Dice

- rolling dice and asking about number bonds
- adding together
- subtracting



Memory Snap

Number Bond to 10 Pairs



Reminders...

Interactive Resources

username: primrose

password: primrosehill

Google Classroom

Home Learning Activities



Thank you for coming!

Questions?