Parent Workshop 30/11/17

Number Facts

If maths was a house...

All the even more super fun stuff

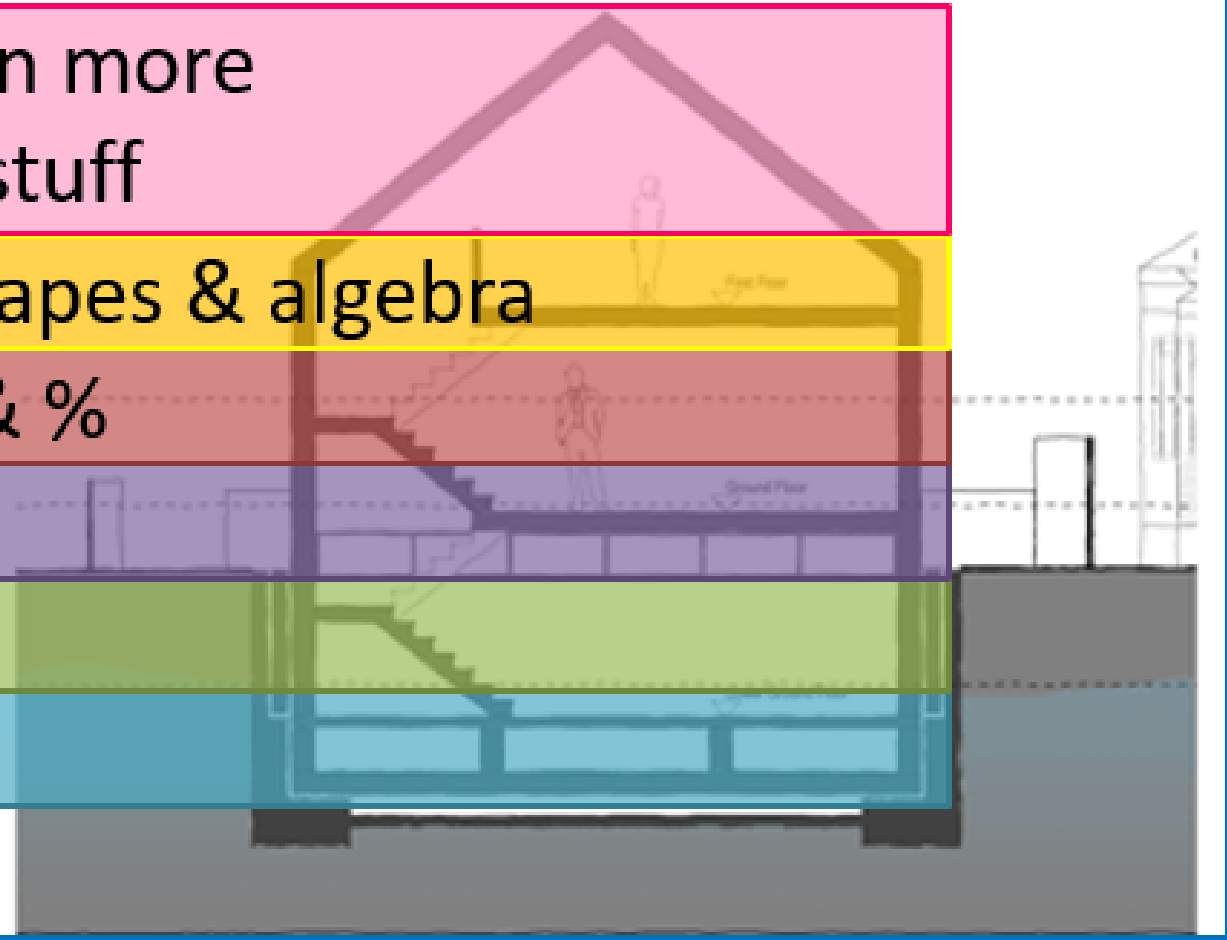
Graphs, shapes & algebra

Fractions & %

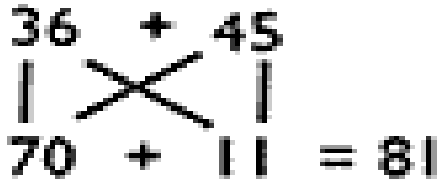
× and ÷

+ and –

Counting



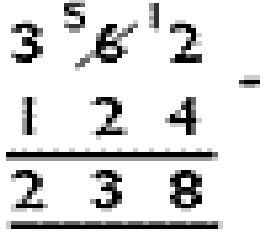
A defined set of addition and subtraction facts builds the basis of all additive calculation, just as times tables are the building blocks for all multiplicative calculation. For example:



Informal/mental addition by partitioning:

Root addition facts

3 + 4, 6 + 5, 7 + 1, 0 + 1



Formal subtraction with column method

Root subtraction facts

12 – 4, 5 – 2, 3 - 1

If children are not fluent in these facts, then when they are solving more complex problems, the working memory is taken up by calculating basic facts, and children have less working memory to focus on solving the actual. So fluency in basic facts allows children to tackle more complex maths more effectively.

Adding 1 | Bonds to 10 | Adding 10 | Bridging/ compensating

Adding 2 | Adding 0 | Doubles | Near doubles

Y1 facts

Y2 facts

+	0	1	2	3	4	5	6	7	8	9	10
0	0 + 0	0 + 1	0 + 2	0 + 3	0 + 4	0 + 5	0 + 6	0 + 7	0 + 8	0 + 9	0 + 10
1	1 + 0	1 + 1	1 + 2	1 + 3	1 + 4	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9	1 + 10
2	2 + 0	2 + 1	2 + 2	2 + 3	2 + 4	2 + 5	2 + 6	2 + 7	2 + 8	2 + 9	2 + 10
3	3 + 0	3 + 1	3 + 2	3 + 3	3 + 4	3 + 5	3 + 6	3 + 7	3 + 8	3 + 9	3 + 10
4	4 + 0	4 + 1	4 + 2	4 + 3	4 + 4	4 + 5	4 + 6	4 + 7	4 + 8	4 + 9	4 + 10
5	5 + 0	5 + 1	5 + 2	5 + 3	5 + 4	5 + 5	5 + 6	5 + 7	5 + 8	5 + 9	5 + 10
6	6 + 0	6 + 1	6 + 2	6 + 3	6 + 4	6 + 5	6 + 6	6 + 7	6 + 8	6 + 9	6 + 10
7	7 + 0	7 + 1	7 + 2	7 + 3	7 + 4	7 + 5	7 + 6	7 + 7	7 + 8	7 + 9	7 + 10
8	8 + 0	8 + 1	8 + 2	8 + 3	8 + 4	8 + 5	8 + 6	8 + 7	8 + 8	8 + 9	8 + 10
9	9 + 0	9 + 1	9 + 2	9 + 3	9 + 4	9 + 5	9 + 6	9 + 7	9 + 8	9 + 9	9 + 10
10	10 + 0	10 + 1	10 + 2	10 + 3	10 + 4	10 + 5	10 + 6	10 + 7	10 + 8	10 + 9	10 + 10

ASHLEY DOWN

NO FINGERS!

https://www.youtube.com/watch?v=p72cgbzdJBE


Will you earn the most coins?
TIMES TABLES ROCKSTARS
Will you be the fastest?
HALL OF FAME
Hungarian
First =Első
Second =második
Third =harmadik
Polish
First = pierwszy
Second = drugo
Third = trzeci
Henry Yu
1st
highest coins earned
over the last 7 days
BAZ WYNTER
Ronya Kaky
1st
largest improvement in rock-speed
since starting TT Rock Stars
BAZ WYNTER
Brandon Alsop
2nd
highest coins earned
over the last 7 days
BAZ WYNTER
Rock Legend
Will your name be here next week?
Henry Yu
2nd
largest improvement in rock-speed
since starting TT Rock Stars
BAZ WYNTER
Ronya Kaky
3rd
highest coins earned
over the last 7 days
BAZ WYNTER
Emily Amponsah
3rd
largest improvement in rock-speed
since starting TT Rock Stars
BAZ WYNTER

NUMBER FACTS (9.15-10:00 am)
Foundation Stage: Counting
KS1 (Y1+Y2):
Number Bonds

Lower KS2 (Y3+Y4):
Number Bonds

Upper KS2:
Y5 Times Tables
Y6 Arithmetic