



### Super FAB Multiplication

$$4 \times 6 = 3$$

$$4 \times 6 = 24$$

$$4 \times 0.3 = 1.2$$

$$25.2$$

Brain only

$$368 \times 53$$

	300	60	8
50	15000	3000	400
3	900	180	24
			4
			19504

Brain only

### Speedy Col Multiplication

$$3123 \times 22$$

	3123	
x	22	
	6246	
	62460	
	68706	

$$3 \times 2 = 6$$

$$20 \times 2 = 40$$

$$100 \times 2 = 200$$

$$3000 \times 2 = 6000$$

$$3123 \times 20 = 62460$$

Brain only

### Super FAB Division

$$43.8 \div 6$$

42 is 7 lots of 6  
1.8 left over

$$3 \times 6 = 18$$

1.8 = 0.3 lots of 6

$$7.3 \text{ lots of } 6 = 43.8$$

### Speedy Col Division

$$22 \overline{) 305.5}$$

22	6	7	2	1	0	
	6	6				
		1	2	1		
		1	1	0		
			1	1	0	

1	2	2
2	4	4
3	6	6
4	8	8
5	1	1

# Mathematics



at

## Leighswood School Year End Expectations

# Y6

This booklet provides information for parents and carers on the end of year expectations for children in our school. The National Curriculum outlines these expectations as being the minimum requirements your child must meet in order to ensure continued progress.

All objectives will be worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your child to achieve these is greatly valued.

If you have any queries regarding the content of this booklet or want support in knowing how best to help your child please talk to your child's teacher.

## Year end expectations:

- Use negative numbers in context and calculate intervals across zero.
- Compare and order numbers up to 10,000,000
- Identify common factors, common multiples and prime numbers.
- Round any whole number to a required degree of accuracy
- Identify the value of each digit to 3 decimal places
- Use knowledge of order of operations to carry out calculations involving four operations
- Multiply 4-digit by 2-digit
- Divide 4-digit by 2-digit
- Add and subtract fractions with different denominators and mixed numbers
- Multiply simple pairs of proper fractions, writing the answer in the simplest form
- Divide proper fractions by whole numbers
- Calculate % of whole number.



Super FAB Addition

1 2 0 2 + 4 5 + 3 6 7

$$\begin{array}{r} 1000 \\ 500 \\ 100 \\ 14 \\ \hline 1614 \end{array}$$

Brain only 😊

Speedy Col Addition

$$\begin{array}{r} 8.689 \\ + 6.54 \\ \hline 15.229 \\ \hline \end{array}$$

Super FAB Subtraction

$5.6 - 3.75 = 1.85$

0.25      1.6

3.75      4.00      5.6

Working towards 'Brain only'

Speedy Col Subtraction

$$\begin{array}{r} 7 \\ 8.625 \\ - 4.8 \\ \hline 3.825 \\ \hline \end{array}$$