Maths

Activity 1 – Recap the video from last week that show you how to find a common denominator when adding. Have a go at the questions. This time you will need to change two of the fractions to have the same denominator as the other.

Activity 2 – Watch the video then have a go at the questions on adding fractions that equal more than 1.

Maths Skills Practise:

Arithmetic

Monday	Tuesday	Wednesday	Thursday	Friday
10.34 + 13.22	54.23 + 47.19	56.21 + 34.01	29.57 + 21.21	82.39 + 52.45
69.23 – 11.28	90.23 – 32.32	56.12 – 34.82	42.95 – 21.21	63.01 – 23.28
92 x 45	76 x 56	31 x 78	89 x 59	95 x 19
958 ÷ 4	1230 ÷ 6	636 ÷ 5	925 ÷ 6	1827 ÷ 8
5/12 of 60	2/5 of 30	2/3 of 126	5/6 of 600	7/10 of 50

Reasoning & Problem Solving
Try any of the challenges on this website:
http://www.iseemaths.com/lessons56/

Challenge:

This represents the multiplication of a 4-figure number by 3.

The whole calculation uses each of the digits $0 - 9$ once and once only.

The 4-figure number contains three consecutive numbers, which are not in order. The third digit is the sum of two of the consecutive numbers.

The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.

Can you replace the stars in the calculation with figures?

Activity 1 – Adding 3 fractions

Match the calculation to the correct answer:

$\frac{1}{3} + \frac{2}{12} + \frac{2}{6}$	$\frac{11}{12}$
$\frac{1}{2} + \frac{2}{12} + \frac{1}{4}$	$\frac{8}{12}$
$\frac{1}{12} + \frac{1}{3} + \frac{1}{4}$	$\frac{10}{12}$

True or false – Prove it

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{12} = \frac{3}{12}$$

Hassan is sorting his marbles.

$\frac{1}{3}$ are red.

$\frac{1}{6}$ are blue.

$\frac{5}{12}$ are yellow.

The rest are green.

What fraction of the marbles are green? _____

Challenge

The answer is equal to or less than 1.

Find 3 possible ways to complete the calculation.

$$\frac{1}{\Box} + \frac{\Box}{6} + \frac{4}{\Box} = \frac{\Box}{12}$$

Activity 2 – Adding Fractions Larger than One

1. Add these fractions:

$$\frac{3}{5} + \frac{7}{10} =$$

$$\frac{3}{4} + \frac{5}{12} =$$

2. Billy ate $\frac{6}{7}$ of a pizza. Sarah ate $\frac{11}{14}$ of a pizza. How much did they eat all together?

3. Find the missing number:

$$\frac{4}{5} + \frac{?}{10} = 1\frac{1}{10}$$