Year 5 Maths Learning Letter

Week 9 Maths – Fractions

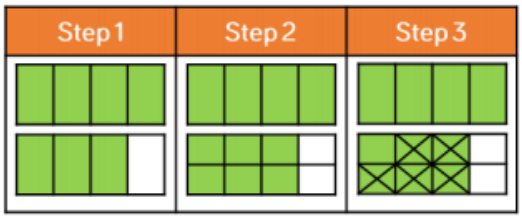
Maths this week

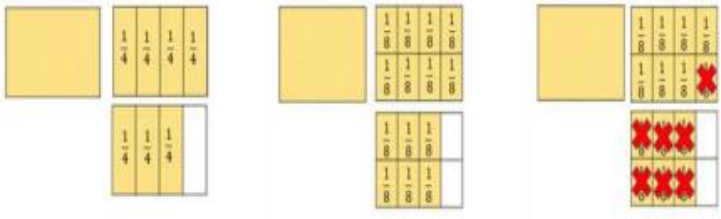
The focus for this week's learning is continuing **factions**. Use paper and a pencil to complete the tasks in the Word document.

You could also have a look at the videos on **Google Classroom** to help you understand the tasks.

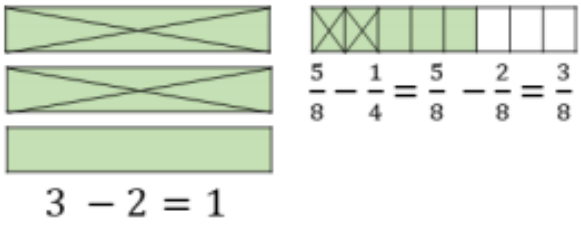
Lesson 1 – Adding mixed fractions	
Learning Question: Can I add fractions? Success Criteria: I can recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements	Task 1: Add the fractions by adding the whole first and then the fractions. Give your answer in its simplest form a) $1\frac{1}{3}+2\frac{1}{6}=$. b) $4\frac{1}{9}+3\frac{2}{3}=$ Task 2: Add the fractions by converting them to improper fractions: a) $1\frac{1}{4}+2\frac{5}{12}$ b) $2\frac{1}{6}+2\frac{2}{3}$

Lesson 2 – Subtract Fractions	
Learning Question: Can I add and subtract fractions? Success Criteria: •I can add and subtract fractions with the same denominator and denominators that are multiples of the same number	Task 1: Tommy and Teddy both have the same sized chocolate bar. Tommy has $\frac{3}{4}$ left, Teddy has $\frac{5}{12}$ left. How much more does Tommy have? Task 2: find the difference between: a) $\frac{3}{4}-\frac{5}{12}=$ b) $\frac{19}{15}-\frac{3}{5}=$ c) $\frac{20}{9}+\frac{4}{3}=$

Lesson 3 – Subtract mixed fractions 1	
Learning Question: Can I add and subtract fractions? Success Criteria: •I can add and subtract fractions with the same denominator and denominators that are multiples of the same number	Task 1: A method for subtracting the following fractions is shown below $1\frac{3}{4} - \frac{5}{8} = 1\frac{1}{8}$  Explain each step of the calculation Task 2: Use the method above to help you subtract the following fractions: a) $2\frac{3}{5} - \frac{3}{10} =$ b) $1\frac{2}{3} - \frac{1}{6} =$ c) $1\frac{5}{6} - \frac{7}{12} =$

Lesson 4 – Subtract mixed fractions 2	
Learning Question: Can I add and subtract fractions? Success Criteria: •I can add and subtract fractions with the same denominator and denominators that are multiples of the same number	Task 1: A method for subtracting the following fractions is shown below $2\frac{3}{4} - \frac{7}{8} = 1\frac{7}{8}$:  Explain each step of the calculation Task 2: Use the method above to help you subtract the following fractions:

	a) $3\frac{1}{3} - \frac{5}{6} =$ b) $4\frac{1}{5} - \frac{7}{10} =$ c) $5\frac{2}{3} - \frac{4}{9} =$

Lesson 5 – Subtract 2 mixed fractions	
Learning Question: Can I add and subtract fractions? Success Criteria: •I can add and subtract fractions with the same denominator and denominators that are multiples of the same number	Task 1: A method for subtracting the following fractions is shown below $3\frac{5}{8} - 2\frac{1}{4} = 1\frac{3}{8}$:  Explain each step of the calculation Task 2: Use the method above to help you subtract the following fractions: a) $3\frac{7}{8} - 2\frac{3}{4} =$ b) $5\frac{5}{6} - 2\frac{1}{3} =$ c) $3\frac{8}{9} - 2\frac{5}{27} =$