Eastbrook Primary Academy Weekly Planner - Maths

Year Group: 3 Classes 3JB and 3LS	Date: 18.1.21 – 22.1.21	Year group email address for questions and completed work: year3@eastbrook.w-sussex.sch.uk
Focus: Fractions		**Helpful vocabulary:** numerator denominator

	Learning Objective	Learning Activities
Monday	Add fractions with the same denominator	**Input:** Draw a square and split it into quarters. Colour 1 part. What is the fraction shaded? Then, colour 1 more part. Try to write what you have done as a number sentence: ¼ + ¼ = Now draw a circle and divide into sixths, colouring 1 part. What is the fraction shaded? What happens if you colour one more part in? Can you write a number sentence to support what you have completed? For example 1/6+ 1/6= When writing the answer, think: What do you notice and what happens to the denominator? (The denominator will stay the same) What would happen if you split a circle into quarters and shaded one part. Now shade ½. Remember your work on equivalent fractions last week. ½ = 2/4 What have you noticed? **Task**: Complete the adding fractions questions (Sheet provided on website).
Tuesday	Subtract fractions with the same denominator	**Input:** Recap how to add fractions from yesterdays lesson. Can you complete this question: ¼ + 2/4 = Discuss what would happen if you had this calculation: ¾ - ¼ = (The denominator would stay the same and you would complete the calculation 3-1= for the numerator) Have a go at these questions, remembering what happens to each part of the fraction: 4/5-1/5= 2/3-1/3= **Task**: Complete the subtracting fractions questions (Sheet provided on website).

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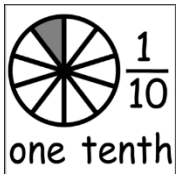
Wednesday	Solve a fraction problem	**Input:** How would you work out ½ of 24? Spot the mistake with this question! ¼ of 24 = 4. What are the **steps to success** to follow when finding fractions of amounts? Remember you can use items from around your house to support. Check your understanding by solving these questions before starting the task: 1/3 of 30 is … 1/5 of 25 is … If you know 1/5 of 25, what is 2/5 of 25? **Task**: Solve the fractions with sweets problem. You will need to use your knowledge of finding fractions of amounts to support (sheet provided on website). **Challenge**: Can you complete the sweet activity finding fractions with different numerators? For example 2/8, 1/6 etc
Thursday	Understand what a tenth is	**Input:** Do you know what a tenth is? How would you write this as a fraction?  Can you order these fractions smallest to largest? 3/10, 5/10, 6/10, 4/10 As the 10 is a denominator, when finding a tenth of an amount, you will need to divide by 10. For example: 1/10 of 30 = 3 (30 ÷10 = 3) What happens when you are finding 2/10 of 30? (30 ÷10 = 3, 3x2=6) **Task:** Complete the task finding tenths of a number (sheet provided on website).
Friday	Recall and use multiplication facts Recall and use fractions facts	**Task 1:** Find your challenge on *SumDog* and spend 30 minutes playing games to practise your focus on fractions and times tables. **Task 2:** Fraction with a splash (boardgame)