**Weekly Maths Planning Unit: Fractions Year 6 w/b: 7.12.2020**

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|  | **Learning objective** | **Main teaching** | **Activity** | **Resources** | **Vocabulary** |
| **Monday** | To multiply fractions by integers | ⅓ x 2 = ⅔ ¼ x 3 = ¾  When multiplying fractions by integers, multiply the numerator by the integers and keep the denominator the same.  This is because the integer 3, for example, is the same as 3/1. SO if we are multiplying ⅓ x 2 we are actually multiplying ⅓ by 2/1. First, multiply the numerators: 1x2, then multiply the denominators: 3x1. Therefore ⅓ x 2/1 = ⅔  Watch video: https://vimeo.com/475426110 | Complete Monday worksheet | Video  Worksheet | Numerator  Denominator  Multiply |
| **Tuesday** | To multiply fractions by fractions | ⅓ x ½ = ⅙  Numerator x numerator  Denominator x denominator  Watch video: https://vimeo.com/476253821 | Roll a dice to create multiplication problems to solve. E.G. roll a dice to get a numerator and denominator for the first fraction, and same again for the second fraction. Then multiply them together.  When you have completed 5x your own multiplication problems solve: | Video  Dice |  |
| **Wednesday** | To divide fractions by integers | Watch video: <https://vimeo.com/476254074>  ⅓ ÷ 2 = ⅙ -> ⅓ x ½ = ⅙  We have flipped the integer (2 = 2/1 so flipped = ½ ) and multiplied the fractions together. | Complete page one of Wednesday/ Thursday worksheet | Video  Worksheet |  |
| **Thursday** | To divide fractions by integers | Watch video: <https://vimeo.com/480707655> | Complete page two Wednesday/Thursday worksheet | Video  Worksheet |  |
| **Friday** | Fraction investigation | https://nrich.maths.org/1103 | | | Numerator  Denominator |