

Year 6 Autumn 2: Week 3 Maths Planning

| Date     | Learning Objective   | Starter Activity  | Main Teaching  | Plenary Activity  |
|----------|--|---|--|---|
| 16.11.20 | Draw given angles, and measure them in degrees and draw shapes with sides measured to the nearest millimetre | Revise acute, obtuse and reflex angles and estimate angles using the following site:<br><a href="http://www.activemaths.co.uk/whiteboard/2measure/angle51.html">http://www.activemaths.co.uk/whiteboard/2measure/angle51.html</a> | Scroll down to the second film which demonstrates using a protractor to measure angles. Read the text before the film and then watch it:<br><a href="https://www.mathsisfun.com/geometry/protractor-using.html">https://www.mathsisfun.com/geometry/protractor-using.html</a><br><br>The following site has a moveable protractor so you can demonstrate further:<br><a href="http://www.activemaths.co.uk/whiteboard/2measure/meas_angle1.html">http://www.activemaths.co.uk/whiteboard/2measure/meas_angle1.html</a> | Get someone to draw some angles and try to identify if they are acute, obtuse or reflex.  |
| 17.11.20 | To use common factors to simplify fractions  | <a href="http://www.numeracyhelper.com/fractionwalls/">http://www.numeracyhelper.com/fractionwalls/</a><br>Complete the fraction wall as quickly as you can.  | watch the short film to develop further understanding<br><br>1) <a href="https://www.bbc.com/bitesize/articles/zcdgxfr">https://www.bbc.com/bitesize/articles/zcdgxfr</a><br><br>Work through slides at the following site:<br><a href="http://app.mymaths.co.uk/1771-resource/ordering-and-simplifying-fractions">http://app.mymaths.co.uk/1771-resource/ordering-and-simplifying-fractions</a>   | Consolidate their learning with examples from the following site.<br><a href="https://www.transum.org/Maths/Activity/Fractions/Fickle.asp?Level=1">https://www.transum.org/Maths/Activity/Fractions/Fickle.asp?Level=1</a>                            |
| 18.11.20 | To use common multiples to express fractions in the same denomination  | Use the fraction wall to demonstrate visually equivalent fractions:<br><a href="https://www.visnos.com/demos/fraction-wall">https://www.visnos.com/demos/fraction-wall</a>  | Open up flipchart 'Working with fractions' and ask the children to answer the questions  | Consolidate their learning with some examples at the following site:<br><a href="https://www.sheppardsoftware.com/mathgames/fractions/LeastCommonDenomimator.htm">https://www.sheppardsoftware.com/mathgames/fractions/LeastCommonDenomimator.htm</a> |
| 19.11.20 | To compare and order fractions, including fractions $> 1$  | Match up the fractions at the following site:   | The following site will recap the work covered and move their understanding on:  | Order the fractions at the following site:  |

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|          |   | <a href="http://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html">http://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html</a> | <a href="http://app.mymaths.co.uk/1678-resource/comparing-fractions">http://app.mymaths.co.uk/1678-resource/comparing-fractions</a><br>(Slides 1-5)<br>Then complete a selection of sheets for the resources. | <a href="https://www.transum.org/Software/s/w/Starter_of_the_day/Students/Fraction_line/Sort.asp">https://www.transum.org/Software/s/w/Starter_of_the_day/Students/Fraction_line/Sort.asp</a> |
| 20.11.20 | To <b>review</b> the children's understanding of the topics covered over the week | Ask the children to complete the weekly review.<br><b>FRACTIONS</b>   | Work through the <b>FRACTIONS REVIEW</b> and mark<br><br>Allow individuals to revisit a game or activity from the week.<br>Allow the children to work through one of the week's MyMaths lessons if necessary  | Work through and mark <b>Workout 7</b> .  |