Maths Learning Grid (Y4)

These are areas of Maths we have covered since September that your child has probably been taught. We may not have used the videos but they will be able to help.
Practise your tables, play a maths game and choose one other thing to work on each day. Watch the video link for each one and then have a go yourself!

Times Tables Spend at least 15 minutes a day practising your times tables https://ttrockstars.com/ https://www.topmarks.co.uk/maths-games/hit-the-button https://www.timestables.co.uk/	**Column Subtraction** Make your own hundreds, tens and ones counters by drawing on counters you have at home or make some out of paper/card. Practice column subtraction with your hundreds, tens and ones, then have a go at drawing them out and then practising with just the numbers. Why don't you use a dice to generate your numbers and make some column subtraction questions of your own! Link to video for column subtraction of 2 3-digit numbers: https://www.youtube.com/watch?v=sTILCPp6q2c&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=10
Maths Games Choose a maths game to play each day. Have a go at inventing your own maths game. https://matr.org/blog/fun-maths-games-activities-for-kids/ Link to maths games videos: https://www.youtube.com/watch?v=foj6ujoT_HU&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB	**Grid method and column method multiplication** Multiply a 3-digit number by a 1-digit number by making your own place value counters to help you. You can either draw on counters or make your own out of card/paper. Once you have done this with counters, have a go by drawing them out. Link to video: https://www.youtube.com/watch?v=QrKqvhV-j_Q&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=13
Column Addition Make your own hundreds, tens and ones counters by drawing on counters you have at home or make some out of paper/card. Practice column addition with your hundreds, tens and ones, then have a go at drawing them out. Once you have done this, practise column addition using just the numbers. Why don't you use a dice to generate your numbers and make some column addition questions of your own! Link to video for column addition of 2 3-digit numbers: https://www.youtube.com/watch?v=PRAOFeuaaVU&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=9	**Division (grouping and sharing and bus stop method)** Get some something you can use to share (counters/raisins/grapes etc….) Practise dividing by sharing and dividing by grouping. Link to video: https://youtu.be/bdglIPNNhuI Divide a 3 digit number by a 1-digit number by making your own place value counters to help you. You can either draw on counters or make your own out of card/paper. Once you have had a go with counters, try it by just drawing out the counters. Then have a go practising with just the numbers. Link to video for dividing a 3-digit number by a 1-digit number: https://www.youtube.com/watch?v=D7PelKmv-jI&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=14

Equivalent fractions Print out your own fraction strips/fraction circles from the internet. Use these to find fractions which are equivalent to each other e.g. $\frac{2}{6} = \frac{1}{3}$ Link to video on equivalent fractions: https://www.youtube.com/watch?v=LUJ49WdgRyM&list=PLWIJ2KbiNEypS0zxt54Wez5X4gnQ-xxvu&index	**Telling the time in analogue and digital** Try converting different times from analogue to digital and from digital to analogue. Link to video on analogue to digital time: https://www.youtube.com/watch?v=72MmggC_ZtA&list=PLWIJ2KbiNEypQx6oZDAuyI55g_ShOQRNx&index
Fractions of amounts Use raisins, sweets, grapes etc.... and draw out bar models to help you find fractions of amounts. Once you have had a go with practical resources, draw them out as a picture to help you. Once you are confident with this, draw out the bar model but just record the numbers in it. Link to video showing the bar model for fractions of amounts: https://www.youtube.com/watch?v=qh53TJoMV3o&list=PLWIJ2KbiNEypS0zxt54Wez5X4gnQ-xxvu&index	**Multiplying and dividing by 10 and 100** Make your own place value grid and place value slider and try multiplying different numbers by 10 and 100. Can you work out what happens when you have decimal numbers? Link to video on multiplying by 10 and 100: https://www.youtube.com/watch?v=7Y0zSnhiShc&list=UUob4tkfOSXy6yav9Y54SKIQ&index Link to video on dividing by 10 and 100: https://www.youtube.com/watch?v=PPMnbH2M0io&list=UUob4tkfOSXy6yav9Y54SKIQ&index
Adding and subtracting fractions Use lego or print fraction circles off the internet to help you to practise adding and subtracting fractions with the same denominator. Link to video showing adding fractions with the same denominator: https://www.youtube.com/watch?v=s768ZakRX4k&list=PLWIJ2KbiNEypS0zxt54Wez5X4gnQ-xxvu&index Link to video showing subtracting fractions with the same denominator: https://www.youtube.com/watch?v=iUfsGb5KLWs&list=PLWIJ2KbiNEypS0zxt54Wez5X4gnQ-xxvu&index	**Telling the time in analogue** Practise telling the time in analogue. You can choose to practice reading the time to o'clock an half past: https://www.youtube.com/watch?v=V32tRiEQ2AA&t Once you are confident with this, have a go at telling the time to quarter past & to: https://www.youtube.com/watch?v=86RbCwhdJSs If you can do this, have a go at telling the time to 5 minutes: https://www.youtube.com/watch?v=QJkYONqIYQM Finally have a go at reading the time to the nearest minute: https://www.youtube.com/watch?v=ohgPN0jOcf4