Maths Homework Grid (Y6)

Practise your tables, play a maths game and choose one other thing to work on each day.

Times Tables Spend at least 15 minutes a day practising your times tables Could be online, with a parent or on paper https://ttrockstars.com/ https://www.topmarks.co.uk/maths-games/hit-the-button focus on times tables, division facts and squared numbers. https://www.timestables.co.uk/	**Knowledge organisers** to display/aid revision – children could create their own knowledge organisers Knowledge organisers can be viewed/ downloaded from this schools website: https://www.kingston.essex.sch.uk/curriculum/mathematics
Work on your reasoning and problem solving by practising past SATs questions that are broken down into topic areas and have videos linked to them that can be watched if needed Click on one of the topic areas listed to gain access to the questions.	BBC bitesize – https://www.bbc.co.uk/bitesize/subjects/z826n39 Choose a video to watch and complete the maths
5 a day maths questions Choose your own level – Bronze Silver Gold or even Platinum https://corbettmathsprimary.com/	https://corbettmathsprimary.com/ Videos Short explanation on every area of maths Questions for you to practise the skill Quizzes to test your understanding Choose one area each day to work on
Daily arithmetic for different areas of maths. Ask your child to work on level 4, 5 and 6 Arithmetic practise on Maths Frame. Here are some mini maths tasks. Work through the activities given for each day for year 6.	10 4 10 Booklets to download– 10 mins per day for 10 days: https://www.tes.com/teaching-resource/ten-for-ten-ks2-mathematics-easter-practice-booklet-11533014
Fractions Practise matching fractions on this game. Work on the mixed numbers.	**Multiples** Practise knowledge of multiples by placing them into this Carroll diagram.

Fractions Decimals and Percentages Show everything you know about decimal numbers and/or percentages on a piece of paper. This could be pictures, diagrams, Challenge your child to select items in your house (this could be rubbish, materials, household objects) and sort them into things that are recyclable and non-recyclable. What percentage and fraction of items are recyclable?	Draw a rectangle and divide it into quarters diagonally. Cut the shape up into 4 triangles. Rearrange the triangles to make other shapes. How many different shapes can you make? Can you classify them? Can you describe them? 
Angles Show everything you know about angles on a piece of paper. This could be pictures, diagrams, explanations, methods etc. Be creative. Play these games on identifying angles and measuring angles.	Shape Show everything you know about shape on a piece of paper. This could be pictures, diagrams, explanations, methods etc. Be as creative as you want to be.
Addition and Subtraction Get a piece of paper and show everything you know about addition and subtraction. This could be pictures, diagrams, explanations, methods etc. You can be as creative as you want to be. Why don't you use a dice to generate your numbers and make some column addition and subtraction questions of your own?	**Multiplication and Division** Get a piece of paper and show everything you know about multiplication and division. This could be pictures, diagrams, explanations, methods etc. Be as creative as you want to be. Why don't you use a dice to generate your numbers and make some column addition questions of your own?
Measures Show everything you know about measures (length, height, weight, capacity) on a piece of paper. This could be pictures, diagrams, explanations, methods etc. Be as creative as you like. Look at containers around the house – record the weight/capacity Order items from heaviest to lightest or according to capacity Find the area and perimeter of your bedroom.	**Statistics** Look at the different house types on your street (e.g. detached, flats, semi-detached). Create a bar chart or pie chart showing this information
Ratio Look at a recipe. Work out how much of each ingredient would be needed if the amount of people it was cooked for was halved, doubled, tripled etc. Adults - Talk to them about what maths they might need to think about to do this.	**Roman Numerals** Did you know that at the end of a television program the date that it was filmed is shown in Roman Numerals? As you are watching some of you favourite television programmes make a note of the Roman Numeral date and convert this into our number system to find out when it was filmed. Collect this information about a number of programmes. Which programme is the oldest? Which one is the newest?

Additional learning resources parents may wish to engage with
• Maths4Kids You tube channel hosted by a child, explaining methods we use in school (mostly KS2) https://www.youtube.com/channel/UCob4tkfOSXy6yav9Y54SKIQ • White Rose Maths Problems of the Day – Orange problems for KS1 and Blue problems for KS2 https://whiterosemaths.com/resources/classroom-resources/problems/page/3/ • Mathszone – A host of interactive maths games including favourites such as Hit the Button. No sign up necessary https://mathszone.co.uk/ • BBC Teach – KS1 and KS2. All subjects included and no sign up necessary https://www.bbc.co.uk/teach/primary/zd7p47h • NRICH a range of free age related resources to develop mathematical reasoning and problem solving No sign up necessary. https://nrich.maths.org/primary • TopMarks – Maths Games for KS1 or KS2 https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3