Amazing Maths Day Homework Grid

Get Cooking Follow a recipe and weigh each ingredient using scales. Add the cooking time to the current time to work out when it will be ready. Bon appétit!	**Data Handling** Create a questionnaire and gather data about the perfect night in from your family and/or friends. Consider the entertainment, the dinner, snacks and drinks. You could present the data in graph form.	**Going on a Trip** Plan a return trip from Glasgow to Edinburgh to Aberdeen. You can travel by plane, bus or train. Create an itinerary, making sure that you are not waiting in one place too long or you will need to plan a hotel stay.
Count Down Play this game with another person. One person writes down a 3-digit 'total' number. The other person writes down four numbers between 1 and 10 as well as three numbers which are multiples of 10, up to 100. e.g. Total: 437 Numbers: 4, 7, 9, 3, 20, 70, 50 Set a two-minute timer and work out the total number by using the other numbers and any operations, e.g. +, -, ÷ and ×. The person closest to the total number wins.	**Talking Numbers** Ask an adult or friend to write a number down. You have one minute to tell the person as many facts about that number as possible. It could be: sums that total this number; whether the number is odd or even; how many digits it has; numbers which are more or less; where this number is seen in real life, etc. Then write down a new number and create number facts for the new number.	**Create a New Sauce** Design a net for a shape that will be the package for a new product. The new product is a type of sauce to be used when cooking. It comes in the shape of a tin but, for its launch, you have been asked to design a new box that the tin will fit into. Make sure the net of the shape has a clear outline so that it can be copied and manufactured. You could create the new logo, name and design of the sauce product as well.
Shape Challenge Find a 2D shape in your home. Calculate the perimeter and area of the shape. For a challenge, find a 3D shape in your home and calculate its volume.	**Sale** Go to a shop with an adult. Create a 25% off sale. For each item the adult buys, work out the new price of the item if there was a 25% off sale in the shop. Remember: 25% = $\frac{1}{4}$.	**Times Tables Tennis** Select a times table. With another person, alternatively say each station of the table. If you make an error, start the times table again. Try to complete every times table from 2 to 10 with your partner.