Maths:

Below are 3 websites that your child should already have logins to. They will provide questions at a suitable level through playing games. Teachers will set work linked to the topics we have been, and should be covering in class.

https://www.sumdog.com/user/sign_in

https://www.ttrockstars.com/

https://play.prodigygame.com/

Sumdog has the ability for parents to have a login so that you can link to your child's Sumdog:

https://www.sumdog.com/parent/sign_up

If your child does not know their password for any of these sites please email kjones@stphilips-chessington.org for their details.

Alternatively, look around your home for Maths opportunities in everyday life:

Cooking

-Following recipes are really just mathematical processes, step-by-step sets of operations to be performed

Working in the kitchen requires a wide range of mathematical knowledge, including but not limited to: measuring ingredients to follow a recipe ; converting a recipe from Celsius to Fahrenheit ; converting a recipe from metric (ml) to other units (teaspoon, tablespoon, cups) ; calculating cooking time per each item and adjusting accordingly and understanding ratios and proportions, particularly in baking (ex. the recipe calls for 1 egg and 2 cups of flour, then the ratio of eggs to flour is 1:2).

The keepers of time

When you plan out your day ahead, why not hand over control of the time keeping to your child? This has the added advantages of taking the pressure off of you for once and also giving your child the opportunity to stretch their independence. Offer some incentive for time-telling practice by asking them to remember the time for a certain pleasant event, whether that's TV show or snack time.

Make their job for the day be to keep an eye on the time and tell you when it is time to change activity or to start prepping dinner. Whatever your daily routine, share it with your child and get them to help shoulder the responsibility of watching the clock.

Budget builders

Could you allocate them a cash budget for the groceries and discuss the shopping list together (this includes online shopping). You could then allow your child to lead the way; they are in charge of getting everything on the list but also of keeping things within budget. A brilliant way to keep them engaged, build independence and life skills, practice addition and subtractions as well as problem-solving (if I buy this Twix, will I be able to still afford the eggs? Is there something else I can get instead?).

Ask your child to look for a product (maybe online) with the lowest price to review the concepts of greater and smaller. You can even be specific here and tell them to purchase say two packets of biscuits for each member of the family. Here, the concept of multiplication can be made clear to him.

You could ask the children to read the amount on the bill, take out the total amount to be paid, calculate the change to be taken,

The added bonus is that you've turned the weekly shop from chore to classroom and you've got yourself an instant lesson on the go, with nothing but a clipboard and some patience required!

Angle and shape hunters!

Get your child thinking outside the box to find the shapes they know in the most unlikely of places. With your angle hunt, you can make it as challenging or as easy as you like! For younger children, you could simply go on a right angle hunt before progressing on to looking for 'bigger than' or 'smaller than' angles. More able children could make educated guesses as to how many degrees they think an angle might be? Better yet, get them to check their guess with a protractor, access permitting!

Measuring length

There are jobs to do around the house and garden, the shed roof needs re-felting and that new canvas print needs wall mounting. You could wait for your child to be otherwise engaged or you could seize yet another maths opportunity and have them help you out.

Can they use the tape measure to help you mark out the roof felt? Can they use the ruler and a spirit level to help you work out where the canvas should go? You could then challenge your child to find the conversion and measure in one unit before converting them to the other to keep them occupied and safe while you do the dangerous stuff!

Volume and capacity

Challenge your child to find out how many cups fit into that jug, or how many spoons fit into the cup? If your child is older why not ask them to investigate how many millilitres the cup holds, even though it's got no scale on the side?