



MATHS

SUPPORTING YOUR CHILD AT HOME

Wednesday 23rd November 2022

RIGHTS RESPECTING GOLD SCHOOL

Article 3

All adults should do what is best for you. When adults make decisions, they should think about how their decisions will affect children.

Article 13

You have the right to find out things and share what you think with others, by talking, drawing, writing or in any other way unless it harms or offends other people.

Article 28

You have the right to a good quality education. You should be encouraged to go to school to the highest level you can.



AIMS:

To support your child in using Maths for real life skills.

To involve Maths skills at home in everyday activities.

To develop their basic Maths and problem solving skills.

For Maths to be fun and engaging.

LEARNING AT HOME

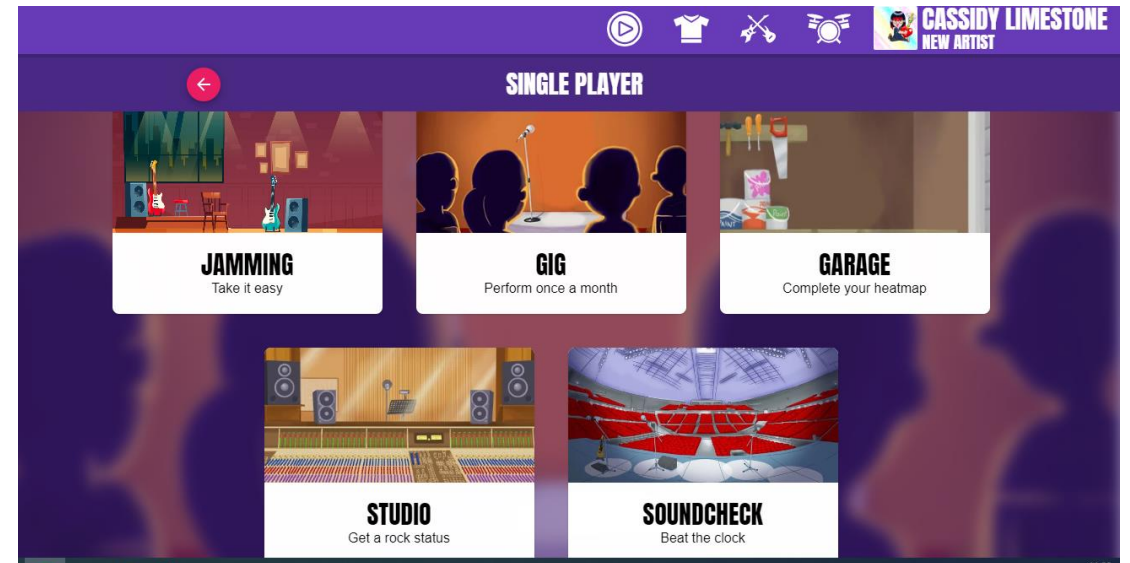
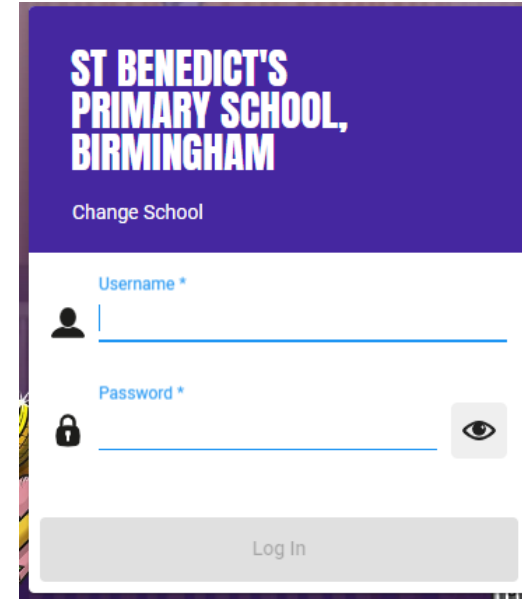
In 2011, Ofsted stated that parental engagement can raise achievement in schools and that children have higher attainment levels and achieve more academically when parents are involved with their education.

Parents have a great opportunity to develop their children's maths skills at home by involving them in everyday activities. If your children can help you find the best deal for your car insurance or work out which supermarket deal is cheapest, then it's helping them understand maths in real life. It also helps develop their basic maths and problem solving skills, which are really important in the UK primary curriculum.

Maths problems are everywhere. Take real life situations and look for patterns, connections and things that can be matched. Play games that involve numbers. Show them that Maths is fun and isn't only reserved for the classroom.

TTROCKSTARS

[HTTPS://TTROCKSTARS.COM/](https://ttrockstars.com/)



TIMETABLE PLAN FOR KS2

Year 3 to be fluent in 2/3/4/5/8/10 times tables by the end of the year.

Year 4 to know all times tables to x12 1/2/3/4/5/6/7/8/9/10/11/12 times tables by the end of the year.

By the start of **Year 5** to be really confident in all times tables.

Year 5 and 6 to become confident in multiplying larger numbers e.g. 4 digit numbers by 2 digit numbers

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☰ Google Classroom

📁 To review 📅 Calendar

5H

Due Thursday

SPaG

Reading

Maths

📈 📁

YEAR 3

In year 3 we need to make sure that children are accurate and this has to become a habit, use measuring things at home to develop this skill. Use estimating first: How long is this? Check by using a ruler or tape measure. Children will become more accurate in estimating the more they practice.

Times tables are extremely important and plays a huge role in everyday life. These need practicing everyday, when ever you can.

Children will have only been using the 4 calculations separately. So now we need to challenge them by mixing up the calculations. Adding things to together then taking something away, so they have to subtract it. Maths needs to be incorporated into everyday life, so that it becomes fun and engaging. Incorporate them in to games, that can be done anywhere, with little resources or none.

Reading the time is a very important, analogue and digital. This needs to be modelled by you and needs to be practiced everyday. Be patient and keep at it.

- maths games that can be played at any time of day – over breakfast, on the walk to school or to the park, driving to football etc.
- maths games that need no setting up time or resources (as well as a few that need a bit of preparation using items you'll have at home.)
- simple, short maths games to play when you have a quick few minutes
- longer maths games which everyone in the family can enjoy together
- maths games for KS2 and KS1 ready to keep your primary school teachers happy

YEAR 4

In Year 4 children will start to use larger numbers up to tens of thousands and complex shapes.

Use shopping lists to encourage children to use column addition to add the shopping list up or for using times tables: having more than one of the same items, or subtract an item.

3D shapes and knowing the properties of the shapes and differences.

Children will need to look at fractions ordering them use tenths first before moving on to quarters, halves and thirds.

Huge role in everyday life is Times tables, Year 4 have a multiplication test in June and children need to recall the times tables up to x12, they have 6 seconds for each question to answer. They need to practice everyday.

Reading the time, practice makes progress, be patient and ask children at every opportunity.

Sofa	£1000
Car	£3,500
Shoes	£110
Dishwasher	£250
iPad	£300
Dog Food	£15
TOTAL COST	????

YEAR 5

In year 5 children need to familiarise themselves with negative numbers, the easiest way to do this is using temperature. Use investigations to support this what temperature is the drink when an ice cube is added, measure the temperature every 20 minutes, what happens? Use BBC weather to look at temperatures and work out the difference between the highest and lowest temperature.

Reading the time is important and in Year 5 children need to have experience at reading timetables: bus timetables, trains, T.V. timetables. This will support them in later life, not being late for school, college or work. Be patient and keep it up.

Everyday for 5 minutes children need to revisit the fundamental skills they already know, the 4 calculations, adding shopping lists, or subtracting item prices from the total. Multiplying and dividing amounts. Using money is another important skill which can be incorporated within this.

Times tables need to be continually practice, everyday. Children ion Year 5 should be fluent at the times tables to x12 and can use them to solve problems using mental strategies.



YEAR 6

In Year 6 you can have a conversation about what your child finds difficult or easy in Maths. Using this you can then support your child in the areas that they struggle with and have fun with areas that they are confident in.

This is time to work on the relationship between fractions, decimals and percentages. They need to know that they are all ways of showing part of a whole. Using food is a good way of discussing equivalences.

Using a protractor to measure angles is important.

Telling the time, still needs practicing. Solving problems in the kitchen or when going out: The potatoes take 20 mins to cook and the chicken 40 minutes. If we start at 5.15pm, when do I add the potatoes? When will dinner be ready?

Children need a good grasp on Place Value, times tables and mental arithmetic skills to they can incorporate them into everyday life in a fun and engaging way.

