

St Andrew's Church of England Junior School

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RE: Stick and Split App

Dear parents / carers,

At St Andrew's we really love maths. Maths is in everything we do. From telling the time, to working out what portions you need to cook a meal; to seeing if you've got enough money to buy yourself a little treat. Maths is everywhere. An important part of maths is learning, knowing and applying your times tables knowledge.

It's essential that your child does a little bit of times table practice every night. In my experience, short bursts of daily practise are more effective than spending hours once a week.

And this is where you come in. For your child to be fully motivated and for them to get the best out of the practice, they need your help. Without your praise and your reminders, without you sitting down next to them or checking their work, practising times tables will not feel important to your child.

In this handbook, you will find some handy information to help you out and answer any questions your child may have regarding troubleshooting etc. My recommendation is that you are there to help them every evening for half an hour during the first two weeks. This will help to establish a routine. After that, I recommend that you help your child get started for the first 10 minutes and then check on them at the end.

Over the course of the next few weeks and months, your child WILL get faster and more accurate with the times tables. All your hard work and theirs WILL make them a confident mathematician.

Thank you in advance for your time and continued support,

Mr Hassall

Maths Subject Leader



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Stick and Split

What is Stick and Split?

Stick and Split is a deceptively simple game that children will play for hours. While they are playing, they learn multiplication and division facts (what many people call the times tables) perhaps without even realising it!



Why is Stick and Split different to other games?

Other games assume maths is boring, so the game revolves around another idea. Children are motivated by winning something which they get by answering lots of questions. So, the maths questions are just obstacles in the way of them doing something in the game and so sooner or later the questions become tedious. But with Stick and Split the maths is intrinsic to the game, and so children don't get bored playing, and while they play, they learn.

Who can play Stick and Split?

Everybody! Children as young as 4 or 5 years old can learn from playing Stick and Split, but ideally they'll be between 6 and 10 years old. It also great for any other age of human who hasn't yet learned all their tables and even those who have!

What does it do?

Stick and Split will help a child learn both multiplication and division facts for all tables up to 12×12 . Division is just as integral to the game as multiplication.

In the game children must convert numbers into other numbers. They do this by either sticking numbers of the same size together (multiplying) or by splitting numbers into a certain number of parts (dividing).

Help with downloading the app can be found on your child's class page on the school website and on our Facebook page.



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