



Maths Meanders

Launch

04.12.17

Maths Meander

- We value the support of our parents and carers to ensure that elements of Mathematics, specifically basic skills, extend into the home. Children learn best when there are strong links between home and school, and the importance of parental involvement in their children's learning is recognised, valued and developed. SPCEDS believes in developing a strong home/school mathematical partnership where parents share puzzles and problems with their children and provide valuable help and support in this area of the curriculum.



Maths Meander

- Each week an adult will complete an activity with your child in school.
- Following this activity your child will be given a task to complete at home.
- Parents are encouraged to make comments in their child's Maths Meander - a mathematical diary where children's mathematical understanding is recorded and the home learning is completed.
- We expect a comment from parents/carers in the Maths Meander at least once a week. As a school we value these comments and look forward to hearing about your child's home learning.



Maths Meander awards

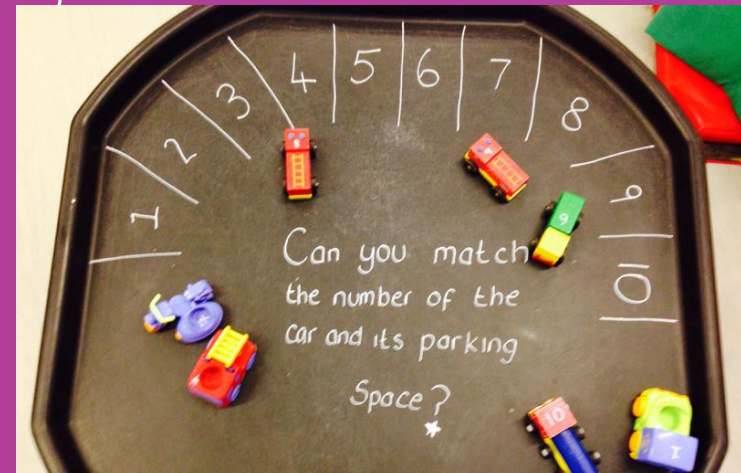
- We are introducing an award scheme to encourage children to practice their Maths skills to reinforce their mathematical knowledge, complete their home learning activities and participate in further mathematical activities.
- In order to be awarded the relevant award at the end of the academic year your child will need to consistently achieve three key criteria as part of their ongoing Maths Meander.



Maths Meander awards

The three criteria are:

- • Regular home learning with Maths Meander signed at least once a week/fortnight by Parent/Carer;
- • Weekly home Meandering task acknowledged by Class Teacher or relevant school adult.
- • Meandering Further task - this can be anything linked to additional mathematics including completing a Mathletics activity, a visit to the supermarket, writing a Maths question or problem, sharing a Maths game with a friend or family member. Anything to illustrate a regular participation in and love of Maths.



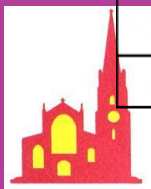
Maths Meander awards

Certificates will be awarded on a termly basis based on consistent achievement of all three criteria. Consistent achievement across the academic year will result in children being awarded the **Maths Meander** award for their year group. Awards across each Phase are also cumulative and will see children awarded Bronze, Silver and Gold awards for their commitment to Maths. Awards will be also be achievable in subsequent years, in order to acknowledge a consistent commitment to Maths.



Maths Meander awards

Term/Weeks	Criteria	Award
Term 1: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
Term 2: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
Term 3: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
Term 4: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
Term 5: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
Term 6: Weeks 1-6	<ul style="list-style-type: none"> *Maths Meander signed at least once a fortnight by Parent/Carer *Weekly home Meandering task acknowledged by CT/School adult *Weekly Meandering Further task undertaken and completed 	Maths Meander Certificate
End of Academic Year:	* Maths Meander Certificates achieved for Terms 1-6	Maths Meander Year Award
End of Phase:	* Maths Meander Certificates achieved consistently through Phase	Maths Meander Phase Award

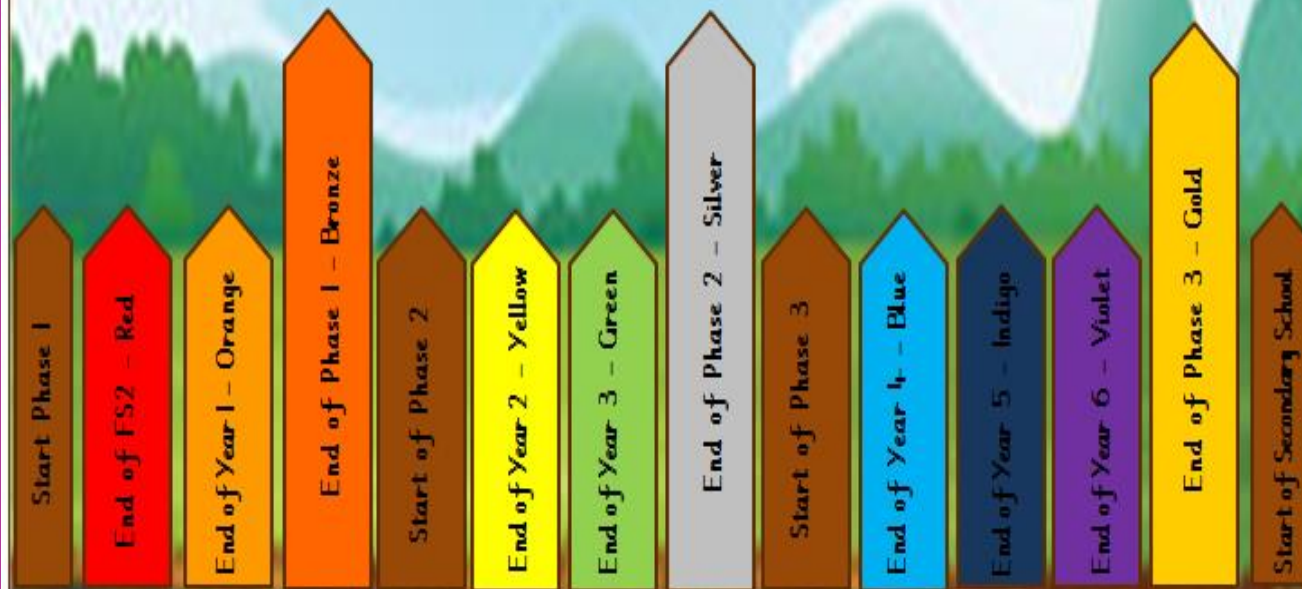


Maths Meander awards

Spalding Parish Church of England Day School

Meandering through Maths Together -

Working in Partnership with Parents





TIMES TABLES ROCK STARS



Why are times tables so important?

- A secure knowledge of times table underpins key areas in Maths, such as division, long multiplication, fractions and algebra.
- We use multiplication daily, when doubling a recipe, determining a discount in shops or working out expected arrival times when travelling.

Why can't children just use a calculator?

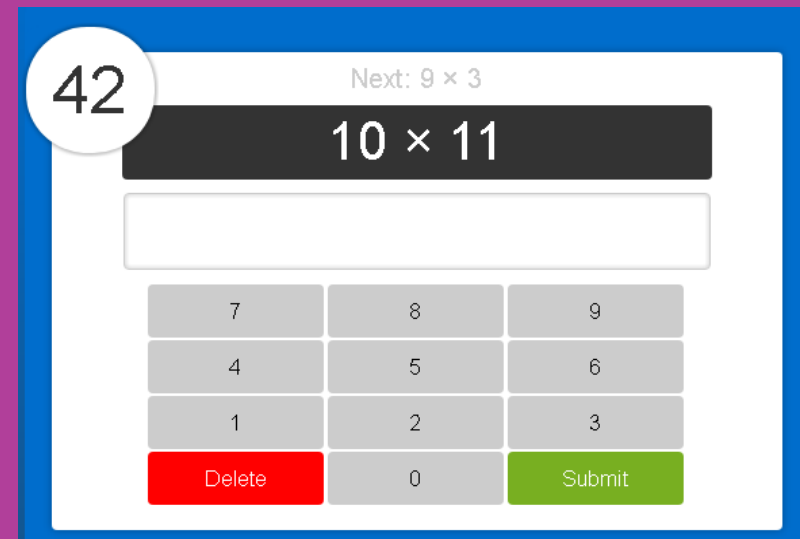
- Although calculators are a useful tool, children who rely on them can be weak with their estimation skills and may be unaware of wrong answers that occur from keying mistakes.

Times Table Rock Stars develops children's fluency when recalling multiplication facts, as well as building their confidence with number.

The website allows children to:

- Practise times tables – focus set by the class teacher.
- Play against friends in tournaments.
- Challenge themselves to beat their personal best.
- Use the same website at home that is used in every Maths lesson.

<https://trockstars.com/login>

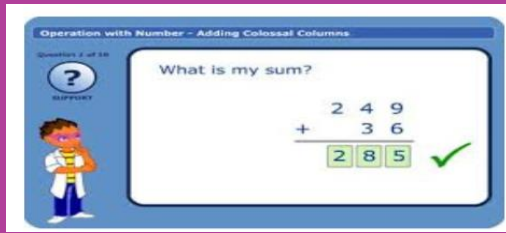


Mathletics – What is it?

Each child at Spalding Parish Church of England Day School, from Foundation Stage to Year 6, has their own username for the maths website Mathletics.

This is an award winning interactive site that aims to improve pupils maths skills through fun activities linked to the UK National Curriculum.

This website can be accessed from any computer.



Key Aspects

All activities linked to all areas of maths.

- Learning is individual - At their own pace, children can complete activities they would like to do or complete activities set by their teachers. If the activities set are too easy or too hard this can be adjusted to meet your child's ability.
- Children can choose an animated teacher that will explain any concept to the child in a step-by-step tutorial.
- Live Mathletics - Improving mental maths skills by answering questions against the clock, whilst competing against other children from all around the world. Also children can invite their friends at school to compete against them.



- Problem solving games
- Times tables toons – Children can learn their times tables through these fun, animated songs.
- Rainforest maths – Activities suitable for foundation stage and key stage 1 aged children.
- Concept search – Children can use the Mathletics dictionary to find out what different mathematical vocabulary means.
- Clear charts to show pupils their strengths and areas for improvement – A pupil can complete any activity as many times as they would like.



Benefits

- Parents can take an active role in their child's maths progress by playing Mathletics with their child at home while also being able to see their child's weekly report, clearly showing their strengths and weaknesses.
- Teachers can see how children in their class have performed on the activities they have completed - this information can then be used to help children improve on the areas for improvement.
- Individual profiles - Children receive points for each activity they complete, which they can 'spend' on creating their own profile - The more points they earn the more exciting their profile can be!