



St John and St James' C of E Primary School

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Merry Christmas

We would like to say a big well done to all of the children; you have worked incredibly hard this term and deserve a well-rested break!

We hope you have a wonderful Christmas break and a very happy new year; we look forward to seeing you all return on **Tuesday 5th January 2021.**



Achievements

After School Club

Please be reminded that all after school club payments must be made in full by 4pm on **Monday 4th January 2021** to secure your child's place.



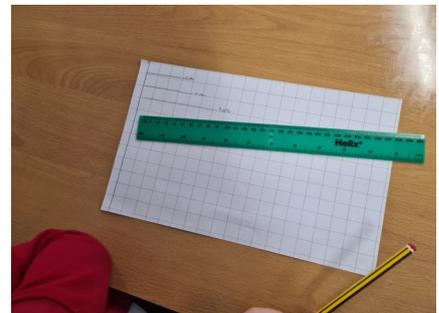
Year 1 have been learning about the UK and Kenya in humanities. They created their own papier Mache globes to help them to learn more about and locate the continents and oceans in the world. They also used them to understand climate and weather patterns. Year 1 can now explain why Kenya has a hotter climate than the UK.



STEAM

Year 1's STEAM project this term was to build a bridge for the Billy Goats Gruff to cross. The design criteria had to be strong 20cm long and look like it will fit into a countryside setting.

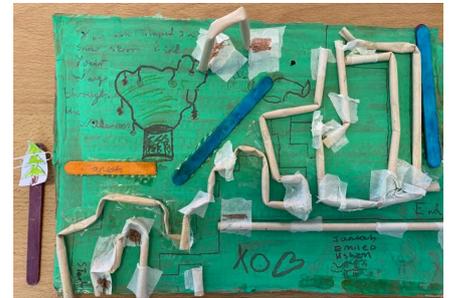
Year 1 began researching the different types of bridges there are, then planned their bridge, next they practised measuring in cm and finally, in groups they constructed their bridges using either recyclable materials, Lego or spaghetti. Year 1 did a fantastic job and have through this project learnt the importance of careers such as architecture and engineering.



In **Year 5**, they made moving toys! The class used wooden cams to create gears in a box so that the characters on top could move. They made these eye-catching and based them on a children's book so they could display them in classroom reading corners. Year 5 had lots of fun learning how to research different moving toys, plan their designs and evaluate them after making them!



Year 3 made colourful, magnetic mazes for their STEAM project. As you can see, they used lots of different materials to construct them. Which one do you think fits the brief best?



Year 6 used recycled material to create periscopes for their STEAM project. This half term the children have been learning about light ad reflection; they combined everything they already know, with some new mathematical knowledge on angles to find out about how periscopes work before designing and creating their own periscopes.

The children had to work really precisely to ensure that the mirrors would sit at 45 degree angles on either side of the cereal box to ensure that the image being reflected bounced between the two and then into the eye. Once this step was completed, the children used kitchen roll tubes to focus the image and alter what they could see in different parts of the bottom mirror.

