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23rd June 2023

Dear Parents/Carers

Moore Class Trip to The Royal Engineers Museum – Tuesday 4th July

Apologies for the late notice, but we finalised the Moore Class trip to **The Royal Engineers Museum, Gillingham, Kent on Tuesday 4th July leaving school by coach at 9:00am and returning at 3:00pm (approx.)**. It was necessary for us to do this trip before the end of the summer term, and as a result it has been quite difficult to arrange a date that worked for us, the museum and the coach company.

We are really lucky to have this trip fully funded, by Visit Kent, as it is the prize which the two groups of children in the class won in the Reconnect Kent: Engineers Assemble STEM project DT work that we did.

During the trip the children will take part in two workshops:

Reach for the skies: V2 Rocket Power

This hands-on 'Inspiring Learning Session', takes place next to a deactivated Second World War V2 rocket. Learners will find out what powered the rocket in terms of forces and motion and how a V2 rocket is fuelled. Learners will then have the opportunity to build their own simple rocket, guess how far they think their rocket will travel, and test them from the rocket launcher. Learners will then be able to adapt their rockets by adding additional features, re-estimate and launch their rockets to achieve a longer glide.

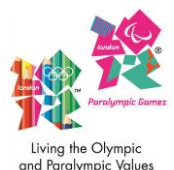
Bridge Design and Construction

In this 'Inspiring Learning Session' learners will be split into teams to compete against one another. They will build a simple bridge to withstand as much weight as it can hold before collapsing into the river bed. In their teams learners will have to bridge between the gap of a wooden platform using limited materials such as card, lolly sticks and string. Teams will have crucial time to plan their bridges before constructing them. After the bridges have been built, each team will talk through their bridge designs, using their plan to highlight design features. Each team's bridges will then be tested by placing weights in the center of the bridge to see how many kilograms it can hold. The team that builds the bridge that can support the greatest weight will be the winning team.

On the day, children will need to bring a packed lunch and a small snack along with a water bottle in a small backpack. We are a nut free school so please ensure that you do not include any nuts in the packed lunch. School uniform and **school caps** must be worn please.

You are required to complete the online form and to tick the consent box for this event, this will give permission for your child to attend and for the teacher in charge of the party to give consent on your behalf for any urgent medical treatment, including anaesthetic to be given. We have a very limited number of places available for parental/carer help on this trip. If you are interested in helping please speak to me or the office and priority will go to parents who have not been on a previous trip.

Please register online at: <https://forms.gle/c5UcbjCEHNOLxeVz5> by Wednesday 28th June.



Yours sincerely

Miss Fitch
Moore Class Teacher

Mrs Lovatt-Young
Head

