

Uplands Junior School

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21st January 2022

Head Teacher: Mrs S Webster-Smith

Dear Parents/Carers of Year 5 children,

Throughout next term the children will be taking part in various STEM activities leading up to British Science Week which in our school will take place Week beginning Monday 14th March

ALL children need to complete a Science project. This project based learning is to engage interest in Science, to enhance research skills and enable children to apply elements of the enquiry cycle.

The theme for the projects are based on the learning that children complete within the science curriculum in their year group:

Year 5- Reproduction in plants and animals, Forces-Push and pull. Space -Earth Sun Moon
Materials and their properties (dissolving, mixing, reversible irreversible changes, Changes of state) Life cycles of humans and mammals.

Projects are Due on Monday 28th February

Projects can be undertaken in a variety of ways and can involve:

- Investigations presented with research and a conclusion
- Models with a covering explanation
- Demonstration of a scientific principle with an explanation.

All children will have the opportunity to choose one of the following:-

- Projects can be presented to an audience.
- Projects can be marked by the class teacher.
- Projects can be presented to a small group in a classroom Science fair setting.
- Children can submit their work onto Google Classrooms

The focus is on presenting the project to others, this can be done in a variety of ways with the aid of practical experiment, models, diagrams or a short 2-5 minute powerpoint presentation.

The teachers will select 2 winners from the whole class based on Scientific content. The winning projects will be displayed in the hall during our science week where they will be presented to their peers and available for parents to view at an arranged time. **All dependent on Covid restrictions.**

We look forward to seeing the children's wonderful work again this year.

Mrs Hudson- Science Champion

