

Science and Technology at Copley Junior School

At Copley Junior, Science and Technology are taught through our creative delivery of the Cornerstones curriculum. Some of our enjoyable projects are shared below.



As part of their 'Flow' project, Year 3 learned about renewable energy sources. The children designed and made water wheels and enjoyed testing them out.

Parents and carers joined us for a technology afternoon. Children and adults were given the challenge of making a bridge to cross the river that would also bear a certain weight. Children had the added challenge of being given a limited budget to 'buy' their resources and a limited amount of time to design and build their structure.



Year 4 have been learning about the properties of liquids, solids and gases in their science lessons. Dr Fran from Cornerstones visited school to lead a morning full of exciting experiments. Year 4 learned about sublimation (this is when a solid changes directly into vapour without passing through the liquid phase).



L.O. To investigate the viscosity of different liquids.



We found out that the ketchup had the highest viscosity. It didn't move down the pipe at all!

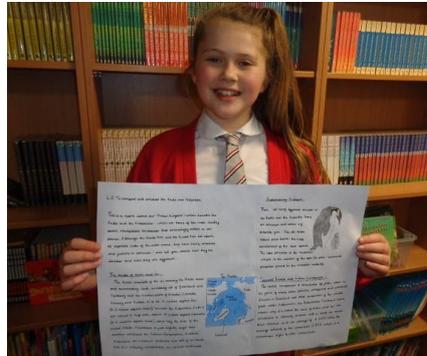
Year 4 children learned about the viscosity of different liquids by carrying out an investigation, considering fair testing and taking accurate measurements.



In Year 5, Science learning in our 'Stargazers' project covered Earth and Space, Forces, Light and Shadows. We made our first visit to the National Space Centre at Leicester and the children thoroughly investigating all the interactive exhibits. Back at school, the children enjoyed making and launching their rockets.



In Year 6, as part of their 'Frozen Kingdom' project, children visited the Yorkshire Wildlife Park to visit the polar bears. As part of learning about the Polar Regions, children have learned about living things and their habitats, classification keys, changing environments and how species have evolved.



During the week commencing **Monday 19th June** we are organising a Science focus week. As part of this we are keen to invite into school any parents and members of the local community who have experience of using science and engineering skills in the workplace. If you would be able to give us a short amount of time to talk to a year group, who will have questions prepared, this would give children the opportunity to learn how developing science and engineering skills can lead to future career opportunities. If you think you might be able to help, please contact the school for further information on 01302 856445.

We look forward to sharing more of our school news soon.

Best wishes
E.A. Crayton
Head teacher