



Y4 Home Learning

Autumn 1

Inspiring lives; creating possibilities; shaping futures

www.sitwelljuniorschool.co.uk

info@sitwelljunior.uk

 Twitter: @SitwellSchool

Dear Parents/Carers,

This year, your child will continue to complete home learning projects. These projects will allow your child to present their learning creatively and imaginatively and provide them with the opportunity to share their understanding of our topics at home with parents and carers. Your child's work will need to match the standard and quality of work which they complete in school. If your child should require any specific resources to help them present their work neatly and imaginatively, then please ask. From the series of research questions/topics listed below, your child should choose one to explore over the course of the first half term. This piece of work should be handed in no later than Monday 19th October so that we have time to share it in class. If your child has an alternative idea that they would like to research, please ask them to run this by their class teacher first.

- Design your own new and imaginative electronic device. Create an annotated drawing and description of its uses.
- Design and make a robot with a specific function. Explain its features.
- Research a famous inventor of electronic device and present the information you find in a creative way.
- Find out about different conductors and insulators. Create a mood board with examples of these materials attached, labelling whether they are conductors or insulators.
- Design your own spy device that Alex Rider could use on his adventures.
- Find out about the different ways in which electricity is created.
- Design a persuasive leaflet/poster encouraging people to save electricity. How can they do this?
- Find out how batteries work and draw a diagram.
- Write a biography about Benjamin Franklin – the discoverer of electricity.
- Find out how to stay safe around electricity and create something to inform other people about this.

Thank you for your continued support.

Mrs O. Nixon Miss E. Longstaff Mrs J. Winters Mr Z. Nazir

The Year 4 Team