

Year 4 Home Learning

Our **science** topic this half term is **Electricity**. The children will be finding out about different appliances that use electricity, and will be making simple circuits using a bulb, battery and switch. We will also be investigating conductors and insulators. Our **Topic** this half term will continue to be 'Scavengers and Settlers.' We will also be learning about **digital gaming** and creating games using simple coding in our computing topic.

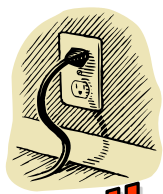
Topic
&
science

Proper Project

Scientists are hard at work developing new technologies to help produce cars that run solely on electricity. These cars are already available to the public but are constantly in the process of being re-invented and improved. If you could have an electric powered form of transportation, what would it be?

Would you have electric shoes, skateboard or even an electric powered hang glider to get you from place to place?

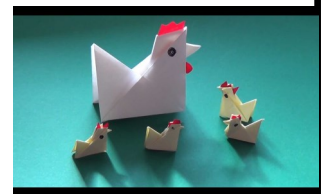
Design an electric form of transportation. Think about how it would work and where would it draw power from. Would it run on batteries or off the mains? Could it generate it's own electricity through solar panels or wind turbines attached?



Create 'n Make

It's that time of year again! We are going to be hanging the Christmas hoop decorations in the halls later in the term for our production of Fantastic Mr Fox. This year's theme is chickens, ducks and geese! Can you make one of these animals at home to hang on our class hoop?

This can come in any shape or form—use your imagination!



Espanol

We have been learning to describe typical activities we might do in a day, i.e. brush our teeth, get dressed and walk to school. Can you record different activities you do in a day and write and draw the corresponding time and activity you are doing in Spanish?



Let's talk...

There can be many times in life where we feel cross and upset. It might be that something unfair has happened or we feel left out by our friends. These can be difficult feelings to manage.

Think about any examples you might have, either in school or at home, when you became cross or sad. Did you do anything to cheer yourself up or make the situation better? Have you ever helped someone else manage these emotions and how?

Talk to an adult at home about this.

Out and about...

Visit the Science Museum and take part in the 'Electrifying Electricity trail' which is aimed at children in Key stage 2. You can download the activity pack and information to use when you are at the museum.

