 Year 4 autumn map

Lively Lincolnshire

Computing

The Children should code a map of the UK where a sprite is moved to different parts of Lincolnshire using buttons and co-ordinates. *Texts: Maps of the United Kingdom (Rachel Dixon)*

The children should use the features of Google Classroom to communicate messages professionally amongst their peers and teachers.

The children should create a database, which outlines their scientific findings about the water cycle in Lincolnshire.

Geography

The Children should explore the Geography of Lincolnshire – looking at maps of the UK and the land use around us in Lincolnshire. They should also study the concept of ‘the wash’ in relation to their water studies in Science. What effects do these physical features have on jobs and livelihoods… what has Lincolnshire become known for?  
*Texts: Maps of the United Kingdom (Rachel Dixon),*

Science

The Children should study the Water Cycle – linking the general learning with a Lincolnshire theme and experiments about water that they carry out themselves. (E.g. measuring rainfall in Lincolnshire, evaporation experiments, water storage experiments.)  
*Texts: Why Water’s Worth It (Lori Harrison), The Drop in my Drink: The Story of Water on Our Planet (Meredith Hooper & Chris Coady), A Drop in the Ocean: The Story of Water, Water (Melissa Stuart).*

The children should explore electricity and electrical circuits building on the knowledge they gained in this area in year 2. They should then investigate common conductors and insulators.  
*Texts: Charging about: The Story of Electricity (Science Works) (Jacqui Bailey), Shocking! Where does Electricty come from? (Bobo’s Little Brainiac Books), The Physics Book: Big Ideas Simply Explained (DK), A Beginners Guide to Electricity and Magnetism (Gill Arbuthnott)*

History

The Children should discover different historical aspects of Sleaford including the workhouse, mill, maltings and railways. How did these affect people’s lives? *(No texts available but links with Local Museum are available and trips easily accessed.)*

Art and Design

The children should use their sketchbooks to master the techniques associated with painting outlined in the skills – they should then begin looking at VanGogh (As an artist, his pieces and emulating his style) before creating their own Lincolnshire landscapes inspired by his work.

*Text: Art A Children’s Encyclopedia (David Taylor), Vincent Van Gogh (Getting to know the World’s greatest artists) Mike Venezia, Katie: Katie and the Starry Night (James Mayhew)*

Design and Technology

The children should create some local Lincolnshire food dishes and think about how they could make improvements to them based on their own tastes and the tastes of others.

Outdoor Learning Opportunities

Water Cycle experiments, Local Geography and History trips and walks, Landscape visits for art.