

**WOOLSTHORPE**  
**Year 4: Spring Term 3**

**Computing**  
**Focus: Information Technology**  
Children will select, use and combine a variety of software to collect, analyse, evaluate and present data and information.

**Maths**  
**Key Facts:** times tables facts up to 12x12  
**Multiplication & Division:** children will work on identifying factor pairs and using formal methods to multiply & divide up to 3 digits by 1 digit  
**Area:** children will learn what area is by counting squares, making shapes and comparing areas  
**(Please see our Calculation Progression document on our website for Addition and Subtraction strategies)**

**Literacy**  
**Key Text:** *The Lost Thing* - Shaun Tan; *Krindlekrax* - Philip Ridley  
**Purpose for writing:** Narrative with a dilemma; diary recount  
**Writing:** Children will further develop their narrative writing incorporating a dilemma; they will recount events that have occurred in the style of a diary  
**Grammar:** Children will learn to use fronted adverbials, conjunctions to express passing of time, cause and palace, expanded noun phrases and inverted commas to punctuate speech  
**Word Reading / Comprehension:** Children will focus on how we can infer from the text and how we can make predictions based on the information we have gained from the text.

**WATER, WATER EVERYWHERE**

**Science**  
**Chemistry: States of Matter** Children will be learning to compare and group materials together, according to whether they are solids, liquids or gases. They will observe that some materials change state when they are heated or cooled and be able to measure or research the temperature at which this happens in degrees Celsius (°C). They will identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature and understand that Earth's water is constantly recycled and that no new water is ever created. **Working Scientifically:** Children will know how to generate and use scientific evidence that is given to ask and answer relevant questions.

**Geography**  
**Focus: Human and Physical Geography - Rivers**  
The children will learn to describe and understand the key aspects of river and the water cycle. They will learn how a river is formed as well as the types of settlement and land use, trade and natural resources are linked to a river and its course.  
**(Please see Geography knowledge organiser for essential knowledge and vocabulary to be learnt)**

**Music**  
**Focus:** Glockenspiel Stage 1

**PE**  
**Focus:** Tag Rugby & Gymnastics

**French**  
**Focus:** Ancient Britain

**PSHE**  
**Focus:** Living in the Wider World - Belonging to a Community; Media Literacy (link to Internet Safety Week); Money & Work

**RE**  
**What does it mean to be a Sikh in Britain today?**  
Children will learn about Sikhism including the importance of their beliefs, values and lifestyle, place of worship and symbols of identity and belonging and relate these to the children's everyday lives.

**Art**  
**Focus: Drawing & Painting**  
Children will continue to develop their control of a pencil by drawing simple outlines of objects that they have observed; work with colour wheels and secondary colours; learn how to shade from dark to light to dark, creating a 3D curved and peak effect and to mix and layer paints **Artist Study:** *The Wave* - Hokusai