



Topic overview – Year 4/5/6 (CYCLE A)

Spring	
Topic name	Just Add Water
Big question	Where does the water we drink come from?
Memorable experience	Visit to Rutland Water for Habitats Experience Day (second half of the term)
Outdoor learning	Linked to habitats experience day above – pond dipping, bird watching, bug hunting
Linked books	Journey to the River Sea- Eva Ibbotson Flotsam- David Weisner (picture book) The Rhythm of the rain (non-fiction picture book)
Reading aims	Read books that are structured in different ways Develop positive attitudes to reading Ask and answer questions about texts
Writing aims	Write explanations (water cycle) Write stories with an aquatic theme Non-chronological report on river monsters Water poetry (narrative and shape poetry)
Speaking & listening aims	Ask relevant questions to further their understanding Listen to and respond to others Form appropriate responses with reasoned answers.
Maths aims	Division Fractions, decimals and percentages Measures Geometry Assessment week
Science aims	States of matter and materials <ul style="list-style-type: none"> compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic demonstrate that dissolving, mixing and changes of state are reversible changes explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda Know the temperature at which materials change state Know the part played by evaporation and condensation in the water cycle Group materials based on their state of matter (solid, liquid, gas) Work scientifically to conduct experiment on changing state
History aims	N/A this term
Geography aims	Rivers: describe and understand key aspects of physical geography, including:, rivers, and the water cycle Describe and understand the key aspects of a reservoir and understand how reservoirs are built (Rutland Water, history and building of) Study a local river (The Welland- feeds into Rutland Water)
DT aims	Use a range of materials to create a model of the water cycle.
Art and design aims	How water is represented in art? Hockney inspired art using water colours.
Music aims	Recorder unit (continued from Autumn Term) - improvise and compose music for a range of purposes using the inter-related dimensions of music - use and understand staff and other musical notations <i>Identify and recall rhythmic and melodic patterns</i> <i>Improvise simple tunes based on the pentatonic scale</i> <i>Compose own music using basic staff notation and perform this music</i> <i>Explore and select different melodic patterns</i> <i>Make improvements to own work</i>
Computing aims	E-safety / creating podcasts



<p>PSHE aims</p>	<p>Spring 1:</p> <ul style="list-style-type: none"> -Future dreams -The importance of money -Jobs and careers -Goals in different cultures -Supporting others (charity) -Motivation <p>Spring 2:</p> <ul style="list-style-type: none"> -Smoking including vaping -Alcohol and anti-social behaviour -Emergency aid -Body image -Relationships with food -Healthy choices
<p>PE aims</p>	<p>Gymnastics</p>
<p>RE aims</p>	<p>N/A this term</p>
<p>ForeignMMo MFL aims</p>	<p>N/AA/ this MFL this term. N/A this term</p>