

Our Lady's Science Yearly Overview – White Rose Education

Biology / Chemistry / Physics / Sustainability

Rec	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<p>Exploring Autumn – The Natural world</p> <p>A woodland Walk</p> <p>Dinosaurs – The Natural world, Creating with materials</p> <p>Puddles and rainbows – musical weather (The seasons)</p> <p>Big wide world – animals within the world</p>											
Spring	<p>Splash – water, changes of state (making ice lollies), observations and drawing pictures of animals and plants, Sort and group materials and resources and talk about how they are similar or different.</p> <p>Let's explore – Human form Represent different parts of the human body from observation, imagination or memory with attention to some detail.</p> <p>Build it up - Compare and group objects and materials according to simple given criteria (properties of materials), Name and sort everyday items into groups of the same material.</p> <p>Marvellous machines – electricity: Explore and describe electrical and non-electrical light sources. Identify that materials have different properties and explore and sort magnetic and non-magnetic materials through play and exploration. Identify products that use electricity to make them work.</p>											
Summer	<p>Puppets and pop ups: Light and shadow - Make a shadow bigger or smaller using toys, play equipment and a light source.</p> <p>Long ago: weather Describe simply how weather changes as the seasons change. Environment - Describe ways to look after the immediate environment. Materials - Name and sort everyday items into groups of the same material. Represent the human body using a range of forms and resources</p> <p>Stories and rhymes: Natural world - Explore the natural world around them, making observations and drawing pictures of animals and plants.</p>											

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Autumn	Biology The Human Body					Biology Seasonal Changes	Chemistry Materials				Biology Seasonal Changes	
Spring	Biology Planting A	Biology Animals					Sustainability Caring for the planet		Biology Seasonal changes	Biology Planting B	Consolidation	
Summer	Biology Plants					Biology Planting C	Sustainability Growing and cooking		Biology Seasonal changes	Consolidation		

Year 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Biology Animals' needs for survival				Biology Humans		Chemistry Materials				Sustainability Plastic	
Spring	Biology Plants (light and dark)			Biology Living things and their habitats							Biology Plants (Light and dark)	Consolidation
Summer	Biology Plants (bulbs and seeds)		Biology Growing up			Biology Bulbs and seeds	Biology Growing up	Sustainability Wildlife			Consolidation	

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Year 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Biology Skeletons			Biology Movement	Biology Nutrition and diet			Sustainability Food waste	Chemistry Rocks		Consolidation	
Spring	Chemistry Fossils		Chemistry Soils			Physics Light					Consolidation	
Summer	Biology Plants A					Physics Forces		Physics Magnets		Biology Plants B	Sustainability Biodiversity	

Year 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Biology Group and classify living things			Biology Data Collection A	Chemistry States of matter							Consolidation	
Spring	Physics Sound					Biology Data collection B	Physics Electricity				Sustainability Energy	Consolidation	
Summer	Biology Data collection C		Biology Habitats		Sustainability Deforestation	Biology The digestive system					Biology Food Chains		

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Year 5	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Physics Forces					Physics Space					Sustainability Global Warming	Consolidation
Spring	Chemistry Properties of materials				Biology Animals including Humans					Biology Life Cycles		
Summer	Biology Reproduction A			Chemistry Reversible and irreversible changes				Sustainability Plastic Pollution		Biology Reproduction B		Consolidation

Year 6	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Biology Living things and their habitats					Physics Electricity					Sustainability Renewable Energy	
Spring	Physics Light				Sustainability Light Pollution	Biology The Circulatory system				Biology Diet, Drugs and Lifestyle		
Summer	Biology Variation		Biology Adaptations			Biology Fossils		Consolidation	Themed projects (Year 7 Ready)			