YEAR 3 CURRICULUM OVERVIEW

TERM
Autumn 2

Science - Animals & nutrition

- To understand that animals, including humans, need the right types and amount of nutrition
- Identify that humans/animals cannot make own food
- Identify producers, predators and prey
- Identify carnivores, herbivores and omnivores
- Construct a variety of food chains
- Interpret a variety of food chains

Design Technology - Pneumatic Toys

- Define a mechanism as a system of parts working together to create movement and a pneumatic system can be used as part of this.
- Describe how a pneumatic system forces air over a distance to create movement and identify pneumatic systems in a range of everyday objects.
- Describe different types of drawings used in design to explain ideas clearly and explain why one may be more useful for a particular situation.
- Develop design criteria from a design brief.
- Begin to draw different types of diagrams to generate suitable ideas.
- Recall different types of pneumatic systems used to design a toy and create one for a specific movement.
- Build secure housing for a pneumatic system, consider sustainable resources and work with materials to create different effects by cutting, creasing, folding, etc.
- Evaluate how well the design, materials and equipment help to achieve the design brief.

RE - Why do Christians believe that Jesus was Emmanuel, God with us? • Further develop the understanding that for Christians, Christmas is the celebration of the presence of God incarnate on earth. • Know that Christians believe that God is still present on earth today through his Holy Spirit and their words and actions.		**PE** • Target games - Boccia • Invasion games - handball

History - The Transatlantic Slave Trade

- To understand where our clothes come from in the present and past.
- To understand the significance of the cotton industry for the people of Lancashire
- To understand the chronology of the Lancashire cotton industry
- To understand what it was like for cotton factory workers
- How did the 1843 cotton famine affect the people of Lancashire?
- To understand where the cotton came from and how lives were affected
- How were the Lancashire cotton industry and the Atlantic Slave Trade linked?

MATHS	ENGLISH	CHRISTIAN VALUES
• Number - Addition and subtraction • Number - Multiplication and division A • Geometry - Shape	• Poetry - Poems on a theme • Persuasive writing	• Hope, dignity, joy, peace, wisdom and community

"Let us love, not in word, but in truth and action." (1 John 3:18)