



BISHOP LONSDALE CHURCH OF ENGLAND PRIMARY SCHOOL AND NURSERY

*BECOMING **I**NDPENDENT **S**UCCESSFUL **H**ONEST **O**PEN-MINDED **P**EOPLE*

Year 5 Medium Term Plan

Week	Science	History	Geography	RE	Art/DT
National Curriculum	Properties and changes of materials Pupils learn about: <ul style="list-style-type: none">• testing materials for a range of properties• measuring temperature changes over time• thermal conductivity• thermal conductors and insulators.	None this half term.	Sow, Grow and Farm Pupils learn about: <ul style="list-style-type: none">• allotments• farming practices and techniques in the UK• identifying farmland on maps• food miles• case study: potato growing.	Understanding Christianity: Creation & Fall – 2B.2 Creation and Science: conflicting or complementary? Pupils learn how: <ul style="list-style-type: none">• to place the Genesis creation story in context in the Bible• scientific evidence of how the world began disproves Genesis• Christians hold different views but that most accept scientific evidence• to explore how scientific and religious ideas may complement each other• to express opinions and ideas about creation, from a faith or scientific viewpoint• humans are part of creation and have a responsibility to take care of it.	Line, Light & Shadows Pupils learn to: <ul style="list-style-type: none">• study the work of significant artists, including Picasso and Rembrandt• use line drawing and shading techniques, using pencil, pen and ink• explore black and white photographs• use line and tone effects• create their own artwork using these techniques.



Week 1	See-Through Science pre-assessment task. Properties of materials – definitions and comparisons.		Introductory knowledge: allotments.	Explain imagery from the Bible Creation story.	Continuous line drawing. Significant artist – Pablo Picasso.
Week 2	Investigation: testing materials for a range of properties.		Farming in the UK.	Compare Biblical and scientific explanations of how the world began.	Shading techniques.
Week 3	Investigation: measuring temperature changes over time.		Mapping using grid references to identify farmland.	Compare Biblical and scientific explanations of how the world began.	Pen and ink techniques.
Week 4	Investigation: understanding thermal conductivity.		Case study: potato farming in Jersey.	Appreciate the awe and wonder of the universe.	Black and white photographs.
Week 5	Investigation: testing thermal insulators.			Understand our role as humans in caring for the world.	Adding line and tone.
Week 6	See-Through Science post-assessment task.			Respond to the enquiry question: <i>Creation and Science: conflicting or complementary?</i>	Creating artwork with line, light and shadows.