



Ss PP Design and Technology Overview

Year 1						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	Where we live	Oh, we do like to be beside the seaside!	Our place in the world	Great explorers – Christopher Columbus and Neil Armstrong.	Directions and map skills	Grace Darling
Thread		Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition
	Developing, planning and communicating ideas					
Artist studied / Inspiration	Van Gogh, Seurat	Klimt, Marc, Klee, Hocky	Moore	Warhol, Hokusai		
Educational visits/external specialist in school	Trip to Tynemouth/Whitley Bay	Visit to Blyth beach to see the huts Scientific Inventions – Land and air museum, the world around them		Theatre company visit. - Art.	Local area walkabout	Visit to Souter Lighthouse

Year 2						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	The big, wide world	We want toys!	Wild weather	Great fires	Bangladesh	Votes for Women!
Thread	Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition	
	Developing, planning and communicating ideas					
Artist studied / Inspiration	Durer, Da Vinci, Cezanne	Pollock, Riley, Monet, Aboriginal	Hepworth, Arp, Nevelson, Gabo	Hiroshige, Escher		
Educational visits/external specialist in school		Broken toy (car) p- problem solving Discovery museum toys through time or Beamish.	Fieldwork – wild weather exploration	Explore medieval art - Newcastle Castle keep. Discovery museum great fires workshop/walk around local area	Specialist visit to school - cooking	

Year 3						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	Where we live	Ancient Egypt:	Water and the water cycle	The Stone Age and Iron Age:	Coastal areas	Henry VIII and Elizabeth I



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Thread		Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition
	Developing, planning and communicating ideas					
Artist studied / Inspiration	Picasso, Hopper, Surrealism	Rotko, Rivera, Indian miniatures, O Keefe, Abstract Expressionism	Calder, Siegel, Leach, Kinetic recycled/found objects and sculpture from India and Africa (Flip- flop art)	Morris, labelling		
Educational visits/external specialist in school		Ancient Egyptians museum – Artefacts.	Waste water treatment centre or Centre for Life water workshop	Great North Museum – investigating Stone Age	Fieldwork coasts	Theatre group visit for Tudors or Durham University Tudors trip.

Year 4						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	Our place in the world	The Ancient Greeks	Global Ecosystems	Ruthless Romans	Energy	Oliver Cromwell – The Civil War
Thread	Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition	
	Developing, planning and communicating ideas					
Artist studied / Inspiration	Goya, Sargent, Holbein	Hooper, Rembrandt	Egyptian artefacts, Christo	Rothenstein, Kunisada		
Educational visits/external specialist in school	Fieldwork – comparison of Newcastle and Belsay	Ancient Greek Durham museum – Greek Gods.		Arbeia Roman Fort – how the fort was built. Pre-historic technology. Vindolanda	Visit to wind farm/Centre for life plastics workshop	Living history day at Newcastle Keep

Year 5						
Term	Autumn 1	Autumn	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	Changing jobs	Shang Dynasty	Mountains and rivers	Anglo Saxons (History)	Climate	Victoria
Thread	Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition	
	Developing, planning and communicating ideas					



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Artist studied / Inspiration	Moore, Rossetti, Klee, Calder, Cassatt	Lowry, Matisse, Magritte	Frink, Balla, Andre	Advertising, Bawden		
Educational visits/external specialist in school	Trip to a factory to see manufacturing	Oriental museum – pre-historical technology	Fieldwork: River study	Bede's world - Anglo-Saxon art.	Climate initiative – modern technology	Science STEM – build a green car Ouseburn trust – The Victoria Tunnel/Beamish

Year 6						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/ theme	Trade and resources and Food	The Mayans	Hazardous World	Vikings up to 1066 including Alfred and Athelstan	Map skills	WW2 – Winston Churchill and Clement Attlee
Thread		Working with tools, equipment, materials, components to make quality products		Evaluating processes and products		Food and nutrition
	Developing, planning and communicating ideas					
Artist studied / Inspiration	Modern and traditional artist using ICT and other resources	Have opportunity to explore modern and traditional art	Explore modern and traditional arts	Have opportunity to explore modern and traditional arts		
Educational visits/external specialist in school	Robotics – food, mass production of food. Visit to magic hat cafe or west end food bank	Theatre group visit to school - Mayan art.	Fieldwork: Simonside, natural land formations	Jorvik		Specialist visit – Orienteering Eden camp