

EAST BOLDON INFANT SCHOOL

ART/DESIGN TECHNOLOGY CURRICULUM

Breakdown of weekly challenge questions YEARS 1 AND 2

ART/DT	Autumn one	Autumn two	Spring one	Spring two	Summer one	Summer two
Year 1	Art Can we explore colour?	Art/DT How did Archimboldo create art?	Art/DT Can you make a moving picture?	Art Who was Annastaysia Savage and why was she famous?	DT Can you make a shield of protection?	DT Ship Ahoy? Whose flag is that flag?
ART/DT	Autumn one	Autumn two	Spring one	Spring two	Summer one	Summer two
Year 2	DT How would you plan for a journey in space?	Art How can we turn that photograph into a painting?	DT How Can We Put On A Finger Puppet Show?	Art What will go in our pot and out of our pot?	Art What does the seaside look like?	DT How will we float our boats?

		YEAR 1 AR	I/DT: CAN WE EXPLOR	RE COLOUR?		
Autumn 1 Unit Learning	Week 1	Week 2 Week 3	Week 4 Week 5	Week 6 Week 7	Substantive Knowledge (What facts and knowledge will	Key Vocabular y
ART FOCUS *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Transition Week *Children will be able to explore colour mixing	How many colours can you make? *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space	Who was Jackson Pollock? Can you explore colour in the style of Jackson Pollock? *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Who was Modrian? Can you explore primary colours in the style of Mondrian? *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	 Knowledge will the children be able to recall?) I know that red, yellow and blue are primary colours I know that- * blue and yellow make green * red and yellow make orange * blue and red make purple I know that adding white will make my colour lighter and adding black will darken it. I can identify and represent work by Pollock and Mondrian. 	Primary colours Lighter Darker Mix Tone Shade Jackson Pollock Piet Mondrian Splash Lines

		YEAR 1 A	RT/DT: HOW	DID ARCHIN		EATE ART?		
Autumn 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and	Key Vocabular y
ART/DT FOCUS *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work. Design Design purposeful, functional, appealing product for themselves and others Make Select from a range of tools to perform tasks knife Select from a wide range of materials – ingredients, according to characteristics Evaluate	What is a self portrait? Explore own portrait features. *To use a range of materials creatively to design and make products.	Can you create a pencil drawing self-portrait? *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	Can you create a self-portrait in the style of Archimboldo ? Convince me – which is best pencil or Archimboldo style? *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work. *To use a range of materials creatively to design and make products.	What makes the items in Archimboldo's pictures healthy? Can you design and make a healthy fruit snack for Archimboldo to enjoy? Design Design purposeful, functional, appealing product for themselves and others Make Select from a range of tools to perform tasks -knife Select from a wide range of materials - ingredients, according to characteristics	Can you make a healthy fruit snack? Can you evaluate your design? Evaluate Evaluate their design against criteria.	Christmas cards and crafts *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	knowledge will the children be able to recall?) * Giuseppe Archimboldo was born in Italy. * Archimboldo created portraits from different foods. * I can use a pencil to sketch and shade. * I know what a portrait and a self-portrait is.	Giuseppe Arcimboldo fruit vegetables represent expression pattern shape shade sketch portrait self-portrait

Evaluate their design against criteria.				

	YEAR 1 ART/DT: CAN YOU MAKE A PICTURE MOVE?											
Spring 1 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and knowledge will the children be	Key Vocabular y				
ART/DT FOCUS *To use a range of materials creatively to	Can you use cool colours	to create a	How can you make a picture	How can you make a picture	How can you make a picture	How can you make a picture move?	able to recall?)					
design and make products. *To use drawing, painting to develop and share their ideas,	to create a picture?	picture?	move? Design process with	move? Make process	move? Evaluate their work	Create a recording of all of the	* I can name which colours are cold colours	Cold Cool Lighter Mix				
experiences and imagination. *To develop a wide range of art and design techniques in using	Collage/Paint		initial criteria.		against initial criteria.	children with their moving pictures., talking about their designs = Green	* I know that my mixing white with my colours they will get	Background Object Slider				
colour, pattern, texture, line, shape, form and space. Design Design purposeful, functional, appealing product for themselves and others	*To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their	*To use drawing, painting to develop and share their ideas, experiences and imagination.	Design Design purposeful, functional, appealing product for themselves and others Technical	Make Select from a range of tools to perform tasks.	Evaluate Evaluate their design against criteria. Technical Knowledge Explore and use	Screen?	lighter. * I can make a slider to make my object move. * I know what a background is.	Design Product Evaluate				
Make Select from a range of tools to perform tasks. Evaluate	ideas, experiences and imagination. *To develop a wide range of art and	*To develop a wide range of art and design techniques in using colour, pattern, texture,	Knowledge Explore and use mechanisms SLIDERS in their products.		mechanisms SLIDERS in their products.							

Evaluate their design against criteria.design technique in using colour pattern, texture line, shape, forr and space.Technical Knowledge Explore and use in their products.adsign technique in using colour pattern, texture and space.	and space.					
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	YEAR 1 A	RT/DT: WHC) IS ANNAST	AYSIA SAVA		IY WAS SHE FA	MOUS?	
Spring 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and knowledge will	Key Vocabular y
ART FOCUS *To use a range of materials creatively to design and make	Can you use warm colours	colours	Who is Annastaysia Savage and	Can you create artwork in	Can you create artwork in	EASTER CRAFTS *To use a range of	the children be able to recall?)	
products. *To use drawing, painting to develop and share their	to create a picture?	to create a picture?	why was she famous?	the style of Annastaysia Savage?	the style of Annastaysia Savage?	materials creatively to design and make products. *To use drawing, painting to develop and	* I can name at least 3 warm colours. * I know that if I	Warm Hot Vibrant
ideas, experiences and imagination. *To develop a wide range of art and design techniques in	Collage/Pain	ICT/Pastels	*To find out about the work of a range of artists, craft	*To use a range of materials creatively to design and make products.	*To use a range of materials creatively to design and make products.	share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using	add yellow to my warm colours they will get lighter.	Lighten Warmth Sunset Silhouette Annastaysia
using colour, pattern, texture, line, shape, form and space. *To find out about		*To use a range of materials creatively to design and make products. *To use drawing, painting to develop	makers and designers, describing the differences and similarities	*To use drawing, painting to develop and share their ideas, experiences	*To use drawing, painting to develop and share their ideas, experiences	colour, pattern, texture, line, shape, form and space.	* I know what a silhouette is. * I can create a	Savage African plains
the work of a range of artists, craft makers and designers,		and share their ideas, experiences and imagination. *To develop a wide range of art and	between different practices and disciplines, and	and imagination. *To develop a wide range of art and design techniques in	and imagination. *To develop a wide range of art and design techniques in		sunset silhouette picture in the style of	

describing the differences and similarities between different practices and disciplines, and making links to their own work.	materials creatively	pattern, texture, line, shape, form and space.	making links to their own work.	using colour, pattern, texture, line, shape, form and space.	using colour, pattern, texture, line, shape, form and space.		Annastaysia Savage.	
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	YEAR 1 ART/DT:											
Summer 1 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and	Key Vocabular y				
DT FOCUS Design: *Design purposeful, functional, appealing products for themselves and other uses based on design criteria Make: *Select from and use a range of tools and equipment to form tasks	Why were shields important to knights? Design: *Design purposeful functional, appealing products	be the best material to use? Design:	How can we create our shield to be the correct shape and size? Make: *Select from and use a range of tools and	How can we join our materials together? Make: *Select from and use a range of tools and	What is a coat of arms? Can we design a coat of arms for our shield? Technical Knowledge: *Build structures, explore how they can be made	Complete designs What is good about your shield? What would make it better? Evaluate:	knowledge will the children be able to recall?)					

*Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. Evaluate: *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria. Technical Knowledge: *Build structures, explore how they can be made stronger, stiffer and more stable	for themselves and other uses based on design criteria	appealing products	equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.	equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.	stronger, stiffer and more stable	*Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria.	I can create a design. I know how to use different tools to create different affects I can discuss my finished product and say what I like and what I would change. I can use reclaimed materials to build a castle.	Design Evaluate Mould Shape Tools Clay Symbols Coat of Arms Meaning Evaluate Represent Fix Materials
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	YEAR 1 ART/DT: SHIP AHOY! WHOSE FLAG IS THAT FLAG?											
Summer 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and	Key Vocabular y				
DT FOCUS Design: *Design purposeful, functional, appealing products for themselves and other uses based on design criteria Make: *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients	Can you design your own Pirate flag? Design: *Design purposeful, functional, appealing products for themselves and	Can you use fabric to create your flag? Design: *Design purposeful, functional, appealing products for themselves and other uses based on design criteria	Can you use fabric to create your flag? Design *Design purposeful, functional, appealing products for themselves and other uses based on design criteria	Can you recreate your flag in different media/styles ? ICT Design: *Design purposeful, functional, appealing products for themselves and	Can you recreate your flag in different media/styles ? Another artist? Georges Seurat Pointillism	Convince me: Which design is best and why? Evaluate: *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria.	knowledge will the children be able to recall?)					

according to their characteristics.	other uses based on design criteria		other uses based on design criteria	Design: *Design	I can design a	Design
characteristics.	on debign ontend			purposeful,	flag and explain	Fabric
Evaluate:			Make:	functional,	why I have	Material
*Explore and evaluate a			*Select from and	appealing products	chosen my	Evaluate
range of existing products			use a range of	for themselves and		
*Evaluate their ideas and			tools and	other uses based	illustrations and	Change
products against design criteria.			equipment to form tasks	on design criteria	colours.	George
			*Select from and	Make:		Seurat
ART FOCUS			use a wide range	*Select from and	I can use fabric	Pointillism
*To final and all and the			of materials and components,	use a range of tools and		Size
*To find out about the work of a range of artists,			including	equipment to form	pens and	
craft makers and			construction	tasks	crayons.	distance
designers, describing the			materials, textiles	*Select from and		small
differences and			and ingredients	use a wide range of materials and	I can say what I	colour
similarities between different practices and			according to their characteristics.	components,	like and what I	
disciplines, and making			characteristics.	including		
links to their own work.				construction	would change	
				materials, textiles	about my own	
				and ingredients according to their	and other finished	
				characteristics.	products.	
					I know George	
					-	
					Seurat produced	
					art work using a	
					technique called	
					pointillism.	
					pointimorn.	
					l can use	
					pointillism to	
					create an	
					illustration.	

	YEAR 2 ART/DT: HOW WOULD YOU PLAN FOR A JOURNEY IN SPACE?									
Autumn 1 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge/Skill	Key Vocabular		
DT FOCUS Design:		What do you need	How far will your buggy	Can you design a	Where would your	How would you change your	s (What facts and skills will the children be	у		

*Design numeraful								
*Design purposeful, functional, appealing	How would	to use to	travel?	snack for an	ingredients	snack if you	able to	
products for themselves	you travel	build your	What was	astronaut?	come from?	were to make it	recall/share?)	
and other uses based on design criteria. Make: *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. Evaluate: *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria. Technical Knowledge: *Build structures, explore how they can be made stronger, stiffer and more stable *Explore and use mechanisms, in their products. Cooking and Nutrition: *use the basic principles of a healthy and varied diet to prepare dishes *understand where food comes from.	into Space? Can you design a space buggy? Look at the Lunar Space buggy and evaluate. *Design purposeful, functional, appealing products for themselves and other uses based on design criteria. *Explore and evaluate a range of existing products	Space buggy? *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.	good about it? *Evaluate their ideas and products against design criteria.	*Design purposeful, functional, appealing products for themselves and other uses based on design criteria.	*use the basic principles of a healthy and varied diet to prepare dishes *understand where food comes from. *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.	again? *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria.	*Think of ideas and plan what to do next *Choose the best tools and materials and give a reason why these are best *Join materials together in different ways *Describe their design by using pictures, diagrams, models and words *Describe the properties of the ingredients they are using *Explain what it means to be hygienic *Evaluate giving reasons	Plan Design Cutting Shaping Joining Make Purpose Form Materials Healthy Cut Slice Peel Grate Hygiene evaluate

YEAR 2 ART/DT: HOW CAN WE TURN A PHOTOGRAPH INTO A PAINTING?

Autumn 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge/Skills (What facts and	Key Vocabulary
ART FOCUS *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Can we sketch or use ICT to recreate our photographs? *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	How can we make the colours we can see in our photographs? (colour mixing sessions). *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	Which painting techniques will we use to complete our pictures? *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	How do our pictures match our photograph ? *To use a range of materials creatively to design and make products. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Christma S calendar S *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	Christmas cards *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	skills will the children be able to recall/share?) *Mix paint to create all the secondary colours *Mix and match colours and predict outcomes *Mix their own brown *Make tints by adding white *Make tones by adding black *Create a piece of work in response to another artist's work. *Say what is the same and different about their piece to the artist's piece	Sketch Shade Tone Blend Technique Texture colour Artist style

YEAR 2 ART/DT: HOW CAN WE PUT ON A FINGER PUPPET SHOW?

Spring 1 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and	Key Vocabular y
DT FOCUS Design: *Design purposeful, functional, appealing products for themselves and other uses based on design criteria Make: *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. Evaluate: *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria. Technical Knowledge: *Build structures, explore how they can be made stronger, stiffer and more stable *Explore and use mechanisms, in their products.	What makes a good finger puppet? * Explore and evaluate a range of existing products	What will our own finger puppets look like? Which textiles will we use and why? * Design purposeful, functional, appealing products for themselves and other users based on design criteria	How can we cut our textiles to the correct shape and size? * Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	Which materials can we use to make the features of our puppets? *Which materials can we use to make the features of our puppets?	How can we join our textiles and other materials together? * Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]	How do we know our finger puppets work? Can we use our finger puppets to tell a story? * Evaluate their ideas and products against design criteria	knowledge will the children be able to recall?) *Think of ideas and plan what to do *Choose the best tools and materials Give a reason why these are best *Describe their design by using pictures, diagrams *Join/cut textiles to make something *Explain why they chose a certain textile	Design Make Plan Textile Fabric Shape Join Finish Product compare

YEAR 2 ART/DT: WHAT WILL GO INSIDE AND OUTSIDE OUR POTS?

Spring 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive Knowledge (What facts and knowledge will	Key Vocabular y
ART FOCUS *To use a range of materials creatively to design and make products. *To use drawing, painting and <u>sculpture</u> to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	How have clay pots changed or not changed over time? * explore and evaluate a range of existing products	How are clay pots decorated and can we explore some designs? Lucy Rie Han Coper Gordon Baldwin (ceramic artists) * about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work	Can we design our own clay pot? *to use a range of materials creatively to design and make products	What tools and techniques will help us make our finger pots? (pinch pots) *to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space	How can we decorate our pots using tools to add line and texture and using paint to add colour? *to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space	How do our pots compare with pots made by other artists? * Describing similarities and differences	knowledge will the children be able to recall?) *Appraise how artists have used colour, pattern and shape *Make a clay pot *Create a piece of work in response to another artist's work *Add line and shape to their work *Link colours to natural and man made objects *Say how other artists have used colour, pattern and shape	Jesign Make Plan Clay Pinch Tools Scrape Press Mouls Shape Designer Sculptor Ceramic Kiln

YEAR 2 ART/DT: WHAT DOES THE SEASIDE LOOK

Summer 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6/7	Substantive	Key
Unit Learning ART FOCUS	What can we	Can we draw	Can we use	What materials	Can we make	Can we identify	Knowledge (What facts and knowledge	Vocabular y
*To use a range of materials creatively to design and make	see at the seaside?	and colour a view of the seaside?	software to produce a picture of the	can we use to make a collage of a view? (plan)	individual collages?	features of the seaside in our collage?	will the children be able to recall?)	Ohaanua
products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space. *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Which famous artists have painted seaside scenes? *To find out about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.	Techniques? *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	seaside? *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	(plan) *To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	*To use a range of materials creatively to design and make products. *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.	Can we collaborate on a group collage? *To use drawing, painting to develop and share their ideas, experiences and imagination. *To develop a	*Work independently and collaboratively. *Use different types of materials and explain why they have used them. *Use repeated patterns in their collage. *Use IT to create a picture using brush and pen tools *Edit their work Link colours to natural and man made objects	Observe Describe Compare Technique Brush Draw Sketch Collage Pattern Texture

YEAR 2 ART/DT: HOW WILL WE FLOAT OUR BOATS?

Summer 2 Unit Learning	Week 1	Week 2	Week 3	Week 4	Week 5/6	Substantive Knowledge (What facts and knowledge will	Key Vocabular y
DT FOCUS Design: *Design purposeful, functional, appealing products for themselves and other uses based on design criteria Make: *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. Evaluate: *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria. Technical Knowledge: *Build structures, explore how they can be made stronger, stiffer and more stable	What materials are real boats made from? *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria. *Design purposeful, functional, appealing products for themselves and other uses based on design criteria	What materials could we use to make the hull of our model boats? *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. *Build structures, explore how they can be made stronger, stiffer and more stable	How will we keep our boats upright in the water? *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. *Build structures, explore how they can be made stronger, stiffer and more stable	Can we design a mast and sail and what materials could we use to make them? *Select from and use a range of tools and equipment to form tasks *Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. *Build structures, explore how they can be made stronger, stiffer and more stable	Do our finished boats work and how can we improve them? *Explore and evaluate a range of existing products *Evaluate their ideas and products against design criteria.	 knowledge will the children be able to recall?) *Plan what to do *Choose the best tools and materials *Give a reason why *Describe the design by using pictures, diagrams, models and words *Evaluate the finished model 	Material Waterproof Solid Fix Join Make Secure Balance Weight Review Evaluate