

<u>EYFS</u>				
Topic Enquiry focus	Key Skills & Knowledge	Lesson Progression	Spiral knowledge building Termly/Annually	Curriculum Cohesion
Autumn People who help us/ Festival and Celebrations  Who can help us?  Why are festivals special for people?	ELG: Creating with Materials  > safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function  > Join different materials and explore different textures  > share their creations, explaining the process they have used  > make use of props and materials when role playing characters in narratives and stories  (Food & Nutrition understand and apply the principles of nutrition and learn how to cook.) National Curriculum	<ol> <li>Baseline scissor skills and fine motor skills.</li> <li>A well-resourced creative area: Scissors, glue sticks and PVA, collage pieces, paper, paint, feather, cotton wool, chalk, tissue paper, cogitated paper, beads, foil, sequins, lolly sticks, masking tape and junk modelling box for Children to explore and investigate more parts.</li> <li>Exploring the use of different materials between past and present toys.</li> <li>Use of playdoh to aid maths learning and fine motor skills</li> <li>Make puppets for Rama and Sita story for use in literacy to retell the story</li> <li>Continuous Provision:         <ul> <li>Well-resourced construction area</li> <li>Well-resourced Role Play</li> </ul> </li> <li>Fruit salad – chopping and cutting skills and healthy eating.</li> <li>Healthy week – what we need to be healthy</li> <li>Vegetable crudités and dips – chopping and cutting skills</li> <li>Harvest festival – Vegetable and fruit discussion, where does it come from</li> <li>Christmas Spiced star biscuits – weighing, learning a simple recipe.</li> </ol>	Baseline children D&T:  Learn how to safely handle tools: scissors, rolling pins, glue, tape  Learn how to access creative area and follow a model	The World – People and Communities Past and Present  Physical Development – Gross and Fine Motor Skills  Managing Self  Speaking and Listening



Topic Enquiry focus Spring	EYFS Framework	<u>Lesson Progression</u>	Spiral knowledge building Termly/Annually	Curriculum Cohesion /Cultural Capital
Spring  Traditional tales /Space  Which is your favourite traditional story character and why  Where would you go in Space?	ELG: Creating with Materials  ➤ safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function  ➤ Join different materials and explore different textures  ➤ share their creations, explaining the process they have used  ➤ make use of props and materials when role playing characters in narratives and stories  (Food & Nutrition  ➤ understand and apply the principles of nutrition and learn how to cook.) National Curriculum	<ol> <li>Make three little pig houses – sticks , bricks straw</li> <li>Study different materials for house building</li> <li>Make bridges – boxes</li> <li>Creating a large bridge from construction materials</li> <li>Create own hand puppet linked to Aliens Love Underpants stories</li> <li>Create a symmetrical mask inspired by African masks (linked to Handa's Surprise)</li> <li>Continuous provision:         <ul> <li>Well-resourced construction area</li> <li>Well-resourced Role Play</li> <li>A well-resourced creative area: Scissors, glue sticks and PVA, collage pieces, paper, paint, feather, cotton wool, chalk, tissue paper, cogitated paper, beads, foil, sequins, lolly sticks, masking tape and junk modelling box for Children to explore and investigate more parts.</li> </ul> </li> <li>Making: gingerbread people, omelettes and bread (irreversible changes)</li> <li>Fruit tasting linked to Handa's Surprise</li> </ol>	D&T: Develop growing control over tools: scissors, rolling pins, glue, tape  Develop independent use of creative area	The World – People and Communities The Natural World  Physical Development
Topic Enquiry focus Summer	EYFS Framework	<u>Lesson Progression</u>	Spiral knowledge building Termly/Annually	Curriculum Cohesion /Cultural Capital
Summer  Mini Beasts /  Dinosaurs	<ul> <li>ELG: Creating with Materials</li> <li>safely use and explore a variety of materials, tools and techniques, experimenting</li> </ul>	<ol> <li>Create a minibeast sculpture using clay and tools</li> <li>Make a prehistoric diorama scene using joining techniques</li> <li>Continuous provision:</li> </ol>	D&T: Choose which tools would be most suitable for the job and give reason for choice.	The World – People and Communities The Natural World





Where could you find a minibeast?  Would you see a dinosaur today?	with colour, design, texture, form and function  Join different materials and explore different textures  share their creations, explaining the process they have used  make use of props and materials when role playing characters in narratives and stories	<ul> <li>A well-resourced creative area: Scissors, glue sticks and PVA, collage pieces, paper, paint, feather, cotton wool, chalk, tissue paper, cogitated paper, beads, foil, sequins, lolly sticks, masking tape and junk modelling box for Children to explore and investigate more parts.</li> <li>Well-resourced construction area</li> <li>Well-resourced Role Play</li> <li>A story-telling shelf linked to topic</li> </ul>	Talk through designs before constructing and provide simple evaluations	Physical Development  — Gross and Fine  Motor Skills  Literacy — Narratives Speaking and Listening
	<ul> <li>(Food &amp; Nutrition</li> <li>➤ understand and apply the principles of nutrition and learn how to cook.) National</li> </ul>	<ol> <li>Making: pasta salad butterfly biscuits, dinosaur pizza (showing control over tools, combining ingredients observing change)</li> </ol>		
	Curriculum			



Year 1				
<u>Topic</u> <u>Enquiry</u> <u>focus</u> Auutmn	<u>NC</u> Key Skills and Knowledge	<u>Lesson Progression</u>	Spiral knowledge building Termly/Annually	Curriculum Cohesion /Cultural Capital
Bears Geography Which bear would you like to visit and why?	Design  design purposeful, functional, appealing products for themselves and other users based on design criteria  generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	Mechanism. Purpose: design and make a moving bear toy. Investigate:  1. Look at moving wooden toys past and present  2. Label moving parts. Look at modern plastic toys with moving parts.  3. Use construction kits to make models with moving parts.  Skill:  4. use scissors to cut out different shapes from different materials.  5. Practise joining pieces of different materials together so that they move ( split pin, pipe cleaner, Jacob ladder paper fold hinge, treasury tag)  Design:  6. Draw a design of a bear toy that has one or more moving part (head, arms, legs) label the material to be used.  7. Label the moving part and technique/materials used to make it move. Provide children with choice of bear, shape and moving part.)  Make:  8. Use skills learnt to assemble, join and make a prototype bear toy with moving parts using a choice of reclaimed materials.	Build on cutting and assembling skills in EYFS.	Link history curriculum- compare toys of today with those in the past (Victorian toys) Eduard Cramer was born in 1858-made bear with moving parts  Richard Steiff  Look at designers/children in Africa who make their own moving toys from reclaimed materials.
	Make  > select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing	Evaluate:  9. Discuss with an adult the success of their make. Did it move well? Did it look well made? Colourful? Was it strong enough to play with lots of times? Move the parts x10, x20 test. Would they improve their model further?		



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, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

TEXTILES: Purpose. To design and make an xmas tree decoration from textiles that will hold a candy cane.

# Investigate:

- 1. explore different decorations made from textiles. Examine how they are joined together, assembled. Skill:
- 2. practise cutting fabric. Practise threading and using a running stitch sewing technique (large plastic needles and punch hole card).
- 3. Rehearse sewing 2 pieces of fabric together with running stitch. **Design:**
- 4. Draw and label their xmas tree textile decoration. Label choice of materials used and joining methods. Choose thread colour(matching or contrast) use measurement to draw to some scale in order to allow space for the candy cane.

### Make:

5. assemble their xmas tree decoration from a choice of materials using the skills taught in the unit. Test product to evaluate whether it meets purpose and holds the candy cane.

### **Evaluate:**

- 6. evaluate decoration on whether it holds the candy cane? Hangs from the tree? Looks decorative and decoration is of a high standard.
- 7. Photo decoration. Describe/write how well the design matches the initial drawn design and whether improvements are needed.

Build on developing skills in cutting, joining and assembling.
Develop dexterity in handling tools to create product.
Give lots of opportunities to rehearse and practise before making the final cut.

Look at decorations from Victorian times and modern day. Examine decorations used at xmas around the World. Link maths and measuring. Encourage measurement by standard and non standard means to ensure cutting of fabric is matched to purpose.

Invite parent designers in who make fabric crafts.



<u>Topic</u>	<u>NC</u>	Lesson Progression	Spiral knowledge	<b>Curriculum Cohesion</b>
<b>Enquiry</b>	Key Skills and Knowledge		building	/Cultural Capital
<u>focus</u>			Termly/Annually	
Spring				
<b>Bridges and</b>	Design	<b>Structure</b> : <b>Purpose. To design and build a bridge</b> model to traverse	Build on dexterity	Look at local bridges in
the Life of	design purposeful, functional,	the Thames to reduce traffic on current bridge crossings.	in use of tools-	the Emmbrook area and
Isambard	appealing products for	Investigate:	cutting and joining	pictures of bridges in
Kingdom	themselves and other users	1. through geographical and historical sources bridge types built	techniques.	reading, London and
Brunel	based on design criteria	past and present. Name and label different types and working		worldwide.
(Horace	generate, develop, model and	mechanisms.		Link in measurement-
King)	communicate their ideas	2. Use construction kits to create different bridges to span a		standard and non
	through talking, drawing,	variety of paper width rivers. Experiment with moving parts so		standard units.
Could we live	templates, mock-ups and,	that bridges moveas in tower Bridge.		Visit bridges in the local
without	where appropriate,	3. Visit Henley's River and Rowing museum as a year group and		and wider area.
bridges?	information and	take part in bridges workshop as well as traverse some local		Ask local
	communication technology	bridges over the Thames.		architects/parent to visit
	Make	Skill:		school.
	select from and use a range of	4. use reclaimed materials and tools to investigate making hinged		Isambard Kingdom
	tools and equipment to	mechanisms for drawbridges or string and card for suspension		Brunel
	perform practical tasks [for	bridges. Work individually and in teams.		
	example, cutting, shaping,	Design:		
	joining and finishing	5. Draw and label the parts of a new bridge to cross the Thames		Joseph Strauss- Golden
	select from and use a wide	near Reading to improve traffic. Boats must travel under and		Gate Bridge
	range of materials and	traffic over the new bridge. Discuss reasons for material choice		
	components, including	and design ideas with an adult.		
	construction materials, textiles	Make:		
	and ingredients, according to	6. use tools, techniques and reclaimed materials to make a		
	their characteristics	prototype of your bridge design. Explore how models can be		
	Evaluate	made stronger during the make by testing strength with toy cars		
	explore and evaluate a range of	or penny weights.		
	existing products	Evaluate:		
	evaluate their ideas and	7. evaluate models against design criteria. Test models out-span		
	products against design criteria	paper river? Hold a car? Or weights? Open and close?		





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	Technical knowledge  ➤ build structures, exploring how they can be made stronger, stiffer and more stable  ➤ explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.			
<u>Topic</u>	<u>NC</u>	<u>Lesson Progression</u>	Spiral knowledge	<b>Curriculum Cohesion</b>
<u>Enquiry</u>	Key Skills and Knowledge		building	/Cultural Capital
<u>focus</u>			Termly/Annually	
Summer				
The	Design	Structure: Purpose-design and create a piece of model furniture for	Review/rehearse/d	Linking with term 1 TOYS
Victorians-	design purposeful, functional,	the Victorian dolls house.	evelop techniques,	and comparison of toys
old and new	appealing products for	<u>Investigate</u> :	skills and	today and in the past.
History	themselves and other users	1. explore through real and secondary sources , items of furniture	knowledge of	Cf. furniture-chair made
	based on design criteria	through time. Old bed/new bed, chair, table etc	terminology (vocab	by Chippendale in the
Was it ever	generate, develop, model and	2. Use <b>construction kits</b> to make a table and matching size chair, a	doc)	past and IKEA today.
fun being a	communicate their ideas	bed, a stool, a cupboard(with/without hinged door)		Queen's doll's house.
Victorian	through talking, drawing,	Skill: e	Assess products	Models of Victorian dolls
child?	templates, mock-ups and,	3. explore different fastening techniques with reclaimed materials.	and evaluate as	houses and furniture.
	where appropriate,	Fix leg to table (glue, sellotape, paper fold etc. evaluate	peers. Choose final	- 1 6 1.
	information and	strength/pros and cons of each fastening method.	three products for	Explore craftsmanship
	communication technology	Design:	class dolls house	today and in the past
le a troc a	Make	4. draw and label two pieces of furniture for a dolls house. Label	based on rag rated class evaluation	and materials available in each era.
Is a tree a plant?	> select from and use a range of	with words and captions explaining reason for chosen material or joining technique. Adult scribe if necessary so all ideas are	and DT success	iii eacii era.
Science	tools and equipment to	recorded.	criteria.	
Science	perform practical tasks [for	Make:	Criteria.	
	example, cutting, shaping,	5. Create prototype models of furniture using reclaimed materials		
	joining and finishing  > select from and use a wide	and tools. Use measurement tools where necessary. Create		
	range of materials and	success criteria to measure against whilst making. Model		
	components, including	furniture must fit in the house(box). A doll must be able to sit		
	components, including construction materials, textiles	on the chair/lie on the bed without it breaking.		
	construction materials, textiles	on the chan, he on the bea without it breaking.		



# 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, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

## Food & Nutrition

understand and apply the principles of nutrition and learn how to cook.

#### **Evaluate:**

- 6. use success criteria to evaluate product design. Introduce a rag rating of 1-3 success for size, sturdiness and appearance. Begin to get peer review opportunities into evaluation.
- Photo final make and describe evaluation feedback plus areas
  for development. Begin to evaluate product design by holding a
  class vote for the top 3 chairs/beds etc. (secret ballot) sticky dot
  rag rating.

8.

**FOOD & NUTRITION:** Purpose – to create a piece of **edible art** on a plate.

# Investigate:

- 1. Explore paintings by Guiseppe Acrimboldo highlighting food in art portraits. Identify fruits and vegetables by name. Discuss which are grown in this country or hotter climates. Review Autumn term learning on where veg/fruit grow. Review importance of nutrition and Vitamin C consumption for healthy bones and teeth
- **2.** Use images of fruit and veg to cut and arrange in similar portraits. **Expand on cutting skills** of intricate and complex fruit shapes.

### Skill:

**3.** Practise slicing, chopping and grating different fruits and vegetables in groups to taste. Wash hands/sanitise and wear aprons to teach the importance of hygiene.

#### Design:

**4.** draw your own portrait plate using fruits and vegetables from a given selection. Model how to draw each fruit/veg in art sketchbooks.

#### Make

**5.** your portrait plate in the style of Acrimboldo. Photo capture as evidence for evaluation.

#### **Evaluate:**

**6.** record how successful your veg/fruit product was against taste, and against looking like a face. Suggest further improvements as to choices of fruit or veg or cutting, chopping skills used.

Use a wide variety of common and rarer fruits and vegetables to widen pupil taste experience. Link teaching of nutrition and balanced diet. Discuss and develop safety in cutting, chopping and grating foods.



Year 2				
Topic	<u>NC</u>	Lesson Progression	Spiral knowledge	Curriculum Cohesion
Enquiry focus	Key Skills and Knowledge		building	/Cultural Capital
Autumn			Termly/Annually	
Indians and	Design	Paper mechanisms Purpose: to create an informative pop	Build on EYFS and	Look at pop up books from
Oceans	design purposeful, functional,	up page for our ocean book on habitats	year 1 skills in	all curriculum areas and
Habitats	appealing products for		cutting, shaping	genres and how they
(Geography)	themselves and other users	Investigate:	and joining	support our view of the
	based on design criteria	1. Look at and read different pop up mechanism books and	components	world and enjoyment.
Why don't we	generate, develop, model and	name the mechanisms (sliders, pop ups, wheels.)	when making a	
all live in the	communicate their ideas	Skill	simple moving	Link science learning on
sea?	through talking, drawing,	2. Explore making mini mechanisms from card (pop up,	parts toy	habitats and \Geography in
Jea.	templates, mock-ups and, where	wheel and slider) label these in your topic book.	mechanism.(b	identifying different oceans.
	appropriate, information and	Design		Calatta Fu
	communication technology	3. Draw a design for a new information book (context-		Colette. Fu
	Make	oceans) label the moving parts and the mechanism of choice. Give reasons for each mechanism and creature		https://wwwttefu.com/ Jan Pienkowski
	> select from and use a range of	(i.e slider fish swimming across the page)		Marion Bata
	tools and equipment to perform practical tasks [for example,	Make		hjj
	cutting, shaping, joining and	4. Use different materials and tools to make a prototype of		ן ייי
	finishing	your pop up page, utilising the mechanisms on the		
	<ul><li>select from and use a wide range</li></ul>	design.		
	of materials and components,	Evaluate		
	including construction materials,	5. Look at other children's mechanisms and give feedback		
	textiles and ingredients,	to the designer/child.		
	according to their characteristics	6. Write an evaluation of your pop up mechanism. How well		
	Evaluate	it works? Presentation/colouring? Information presented.		
	explore and evaluate a range of	Structures and mechanisms. Purpose: Create a treasure box		
	existing products	with a hinged lid.		
	evaluate their ideas and	Investigate		
	products against design criteria	1. Look at and handle a variety of boxes with hinged lids.		





Tonic	Technical knowledge  build structures, exploring how they can be made stronger, stiffer and more stable  explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	<ol> <li>Explore making a structure with hinged lid with prototypes made from construction kits.</li> <li>(clicks, polydron) evaluate success of mechanism and structure shape/size. Look around the school at how hinges work.</li> <li>Skill</li> <li>Explore making different paper prototype hinges</li> <li>(sellotape, cut and fold paper, pipe cleaners, treasury tags)</li> <li>Design</li> <li>Look at different treasure box images and jewellery boxes before designing their own prototype treasure box. Choose cube or cuboid nets and decide on the hinge method for a cardboard box chest model. Label design with reasons for material and design choices.</li> <li>Make</li> <li>Create treasure box models from cardboard nets. Use different joining skills to assemble and fix together (sellotape or glue) attach the lid with choice of hinge design. Decide on number of hinges used.</li> <li>Decorate your box.</li> <li>Evaluate</li> <li>Test your box to see if it will hold treasure coins and whether the lid opens and closes successfully.</li> <li>Record your evaluations with peers on success of prototypes hinged lid and overall aesthetic. Decide on how you could further improve on your design and make.</li> </ol>	Sniral knowledge	Link maths and knowledge of 3D shape nets and properties of 3D shapes.  Study different boxes from around the world (wooden carved, metal, paper)
Topic Enquiry focus Spring	NC Key Skills and Knowledge	Lesson Progression	Spiral knowledge building Termly/Annually	Curriculum Cohesion /Cultural Capital



# The Fire of London Samuel Pepys The Court of Henry VIII (History)

# Was the Fire of London all bad?

# Design

- design purposeful, functional, appealing products for themselves and other users based on design criteria
- generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

#### Make

- select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing
- 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, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

# Food & Nutrition: Purpose: to design a bread roll for our drama day in Thomas Farynor's bakery..

- **1. Explore** different types of bread from ingredients to shapes.
- **2. Cross curricular link with history**. Bake bread rolls with Thomas Farynor (role play)
- **3. Design** a bread roll shape for King Charles II banquet. Use images of bread roll designs to create their own bread roll. Understand principles of nutrition and bread as part of our diet.
- **4. Make:** Create your own bread roll and leave to rise before cooking.
- **5. Evaluate:** Take bread roll home to eat. Evaluate on return to school. Was it tasty? Did it hold the sandwich filling? Did it look appetising?

# Textiles: purpose-Design a purse for Samuel Pepys. Investigate/study:

 Look at purses today and their different shapes, designs and fastenings. Compare drawstring leather purses from 1666 and studies of paintings/evidence sources from the past.

### Skill

- 2. Practise joining pieces of material in different ways (glue, sewing, staples)
- 3. Practise threading and sewing skill in hole punched card and then with smaller needles in felt.

# Design:

4. Draw and label a design for a purse that needs to hold securely 10 gold coins for Samuel Pepys. Think about shape and design as well as security. Give reasons for your design choices and list materials and tools needed.

#### Make

Build on food and nutrition cooking of porridge in yr1. Link with food in histor Create a screen of bread based products from the local supermarket to naame. Include bread products from different cukltures Tortilla, panetonne, ciabatta atta.fer

Build on textile skills in Year 1 ( sewing xmas stocking) revisit sewing skills and joining skills.

Link bags and purses in history. Drawstring, clip fastening.
Look at secondary sources of information to discover how



Food & Nutrit				
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- understand and apply the principles of nutrition and learn
- how to cook.

5. Assemble and join felt pieces to create a purse. Apply skills learnt to join fabric pieces securely. Test the purse to see if holds 10 gold coins.

 $\ensuremath{\text{6.}}$  Decorate your purses to that it appeals to the owner.

#### **Evaluate**

7. Test the purse with your peers using a success tick list. Rag rated. Evaluate the overall design and purpose of the purse. Suggest further adaptations and improvements that could be made.

<u>Structure: Purpose: To create a winter bird feeder</u> (Spring term II)

**Purpose:** to introduce more birds into our environment and support them during the winter.

To investigate what birds eat?

To name common British birds.

# Investigate:

- 1.Look at a variety of bird food hanging structures –boxes, ledges, wire hoops etc)
- 2. Evaluate how successful they are at providing food, places for balance, safety from prey.

### Skill:

- 3. Assembling and joining parts. Try different ways of putting birdseed on surfaces. Adding fat...threading, etc
- 4. Test materials for waterproofing or weatherproof **Design:**
- 5. Draw and label with captions each part of your design giving reasons for its design and for the materials chosen.

#### Make:

- 6. Use reclaimed materials to make the structure which must either hang from a tree or be fixed to a fence.
- 7. Test and observe if any birds visit.

# **Evaluate:**

8. Evaluate success of design structure. Do birds visit? Does food stay dry? Does structure hang from tree or fix to fence. Is there a place for the bird to perch safely?

people carried money in history and today. Discuss money as a fading currency!

Look at Mika and Julie Tolvanen's bird feeder design. Compare to others made from different materials.

Link to identifying British Birds in our immediate environment.

Class bird watch What do bird's eat?





Topic Enquiry focus	NC Key Skills and Knowledge	Lesson Progression	Spiral knowledge building	Curriculum Cohesion /Cultural Capital
Summer			Termly/Annually	
Earth & Space	Design	Winding mechanism. Purpose: to create a prototype space	Build on yr1 skills	Link history/science.
	design purposeful, functional,	toy that has a moving part.	and knowledge	Look at toys from the past
Why was a	appealing products for		of toys/history	and all over the world.
footprint so	themselves and other users	Investigate:	and mechanisms	Link toys made in Ghana
important?	based on design criteria	1. Explore/play with toys that have moving parts. (duplo)	that move.	(Year 1 study) made from
	generate, develop, model and	Review yr1 learning where they made a moving toy. Look at		coke
	communicate their ideas	winding mechanisms in products and how they work.		
	through talking, drawing,	2. <b>Create</b> a simple winding mechanism with construction kits.		Place toys in a timeline.
	templates, mock-ups and, where	3. Create a prototype model winding mechanism with a card		Discover toys from parents
	appropriate, information and	tube, handle and string/weight.		and grandparents generation
	communication technology	Skill:		and the toys made today
		4. Create a simple winding mechanism with a weight and		(history link)
		turning handle using reclaimed materials.		
	Make	Design:		
	select from and use a range of	5. design a space toy that includes a part that needs to be		
	tools and equipment to perform	wound up (rocket, star, spaceman) . Draw and annotate the		
	practical tasks [for example,	winding mechanism, explaining in text how it works. Draw		
	cutting, shaping, joining and	and label a front view of your toy, labelling each moving		
	finishing	part. Give reasons for choices.		
	> select from and use a wide range	Make:		
	of materials and components,	6.Use reclaimed materials and skills /techniques taught to		
	including construction materials,	assemble and decorate the toy.		
	textiles and ingredients,	7. Use paints pens to decorate your toy.		
	according to their characteristics	Evaluate:		
		8. Evaluate toys made by peers in class using a rag rating		
		scorecard. Judge on appearance, enjoyment in using and in		
	Evaluate	mechanism success.		
	explore and evaluate a range of	9. Evaluate your own rag scores before writing your		
	existing products	evaluation on your product.		
	evaluate their ideas and			
	products against design criteria	Food & Nutrition Purpose: to create a nutritional snack for	Review Yr1	Review healthy balanced
		red Riding hood's Grandma.	learning about	plate lessons from the
		Investigate.		Autumn term.ldentify the





Technical knowledge  ➤ build structures, exploring how they can be made stronger, stiffer and more stable  ➤ explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	1. Look at different pasta salads on the market. Examine ingredients and compare to parts of the healthy plate studied in yr1 and yr2  Skill:  2. Taste some different dairy/ veg/meat tastes for a pasta salad and discuss colour appeal for appetite.  3. Rehearse food hygiene and cutting, grating, chopping	Acrimboldo's food on a plate.	main components of a balanced diet( carbs, dairy, protein, fruit and vegetables)  Watch a clip of Nadya Hussein's cooking programme and look at recipes from her storybook
Food & Nutrition  understand and apply the principles of nutrition and learn how to cook.	skills.  Design:  4. Design a pasta salad with choice of pasta shape/meat or fish/veg ingredients. Draw what you want your salad to look like and give reasons for each choice.  5. Make: Pasta salad portion. Photo evidence.  6. Evaluate: eat salad and evaluate on taste, texture, nutrition, colour and appeal. Record any improvements you would make and why		recipes.