

# Reception D&T

## (Linked Early Learning Goals)

### Physical development:

*Moving and handling: children show good control and co-ordination in large and small movements. They move confidently in a range of ways, safely negotiating space. **They handle equipment and tools effectively, including pencils for writing.***

### Understanding the world:

*Children know about similarities and differences in relation to places, objects, **materials** and living things. They talk about the **features of their own immediate environment** and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about **changes**.*

**Technology: children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.**

### Expressive Arts and Design

*Exploring and using media and materials: children sing songs, make music and dance, and experiment with ways of changing them. **They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.***

### PD

#### 30 -50 months

- Draws lines and circles using gross motor movements.
- Uses one-handed tools and equipment, e.g. makes snips in paper with child scissors.

#### 40-60 months

- Uses simple tools to effect changes to materials.
- Handles tools, objects, construction and malleable materials safely and with increasing control.
- HEALTH & SELF CARE- C&N link : Eats a healthy range of foodstuffs and understands need for variety in food

### UW

#### 30-50 months

- Talks about why things happen and how things work.
- Developing an understanding of growth, decay and changes over time.
- Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.
- Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images.

#### 40-60 months

- Looks closely at similarities, differences, patterns and change.

### EAD

#### 30-50 months

- Beginning to be interested in and describe the texture of things.
- Uses various construction materials.
- Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.
- Joins construction pieces together to build and balance.
- Realises tools can be used for a purpose.

#### 40-60 months -

- Manipulates materials to achieve a planned effect. • Constructs with a purpose in mind, using a variety of resources.
- Uses simple tools and techniques competently and appropriately. • Selects appropriate resources and adapts work where necessary. • Selects tools and techniques needed to shape, assemble and join materials they are using.

D&T Content:	DT Skills			Vocabulary
	Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluating processes and products	
<p><b>Design</b></p> <ul style="list-style-type: none"> <li>design purposeful, functional, appealing products for themselves and other users based on design criteria <i>D1.1 (Explorers)</i></li> <li>generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <i>D1.2 (Explorers)</i></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a range of tools and equipment to perform practical tasks, (or example, cutting, shaping, joining and finishing) <i>M1.1 (Circus)</i></li> <li>select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <i>M1.2 (Explorers, Be Healthy)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>explore and evaluate a range of existing products <i>E1.1 (Explorers)</i></li> <li>evaluate their ideas and products against design criteria <i>E1.2 (Explorers)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>build structures, exploring how they can be made stronger, stiffer and more stable <i>TK1.1 (Explorers)</i></li> <li>explore and use mechanisms, (for example levers, sliders, wheels and axles), in their products. <i>TK1.2 (Expl)</i></li> </ul> <p><b>Cooking &amp; Nutrition (Food Tech)</b></p> <ul style="list-style-type: none"> <li>use the basic principles of a healthy and varied diet to prepare dishes <i>CN1.1 (ML links PASTA Be Healthy)</i></li> <li>understand where food comes from. <i>CN1.2 (Be Healthy)</i></li> </ul>	<p>1. Can I think of some ideas of my own? +Food Tech</p> <p>2. Can I explain what I want to do? +Food Tech <i>(talk with others about how they want to construct their product)</i></p> <p>3. Can I use pictures and words to plan? <i>(make simple plans before making objects, e.g. drawings, arranging pieces of construction before building)</i></p> <p><i>Food Tech additional:</i></p> <p>4. Can I describe the texture of foods?</p> <p>5. Can I think of interesting ways of decorating the food I have made?</p>	<p>6. Can I explain what I am making? +Food Tech</p> <p>7. Can I explain which tools I am using? + Food Tech <i>(describe how different textiles feel; describe the materials using different words; select appropriate resources and tools for their building projects)</i></p> <p>8. Can I make a product from textile by gluing?</p> <p>9. Can I make a product which moves?</p> <p>10. Can I cut materials using scissors?</p> <p>11. Can I make a structure/model using different materials?</p> <p>12. Can I work tidily? +Food Tech</p> <p>13. Can they make their model stronger if it needs to be?  <i>Food Tech additional:</i></p> <p>14. Can I cut food safely?</p> <p>15. Can I wash my hands and make sure surfaces are clean?</p>	<p>16. Can I describe how something works? <i>(explain why they have chosen moving parts)</i></p> <p>17. Can I talk about my own work and things that other people have done? + Food Tech</p> <p>18. Can they make their model stronger if it needs to be?</p>	<p>Plan</p> <p>Design</p> <p>Material</p> <p>Tools</p> <p>Product</p>

Content:	DT Skills			Vocabulary
	Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluating processes and products	
<p><b>Design</b></p> <ul style="list-style-type: none"> <li>design purposeful, functional, appealing products for themselves and other users based on design criteria <i>D1.1 (Transport, Dressing Up)</i></li> <li>generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <i>D1.2 (Transport, Dressing Up)</i></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a range of tools and equipment to perform practical tasks, (or example, cutting, shaping, joining and finishing) <i>M1.1 (Transport, +Dressing Up)</i></li> <li>select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <i>M1.2 (Transport, Be Healthy)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>explore and evaluate a range of existing products <i>E1.1 (Celebrations Dressing up)</i></li> <li>evaluate their ideas and products against design criteria <i>E1.2 (Transport, Celebrations Dressing Up)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>build structures, exploring how they can be made stronger, stiffer and more stable <i>TK1.1 (Transport)</i></li> <li>explore and use mechanisms, (for example levers, sliders, <b>wheels and axles</b>), in their products. <b>(Transport)</b> <i>TK1.2</i></li> </ul> <p><b>Cooking and Nutrition (Food Tech)</b></p> <ul style="list-style-type: none"> <li>use the basic principles of a healthy and varied diet to prepare dishes <i>CN1.1</i></li> <li>understand where food comes from. <i>CN1.2 (Be Healthy, Celebrations)</i></li> </ul>	<ol style="list-style-type: none"> <li>Can I think of ideas and plan what to do next? + Food Tech <i>(develop their own ideas from initial starting points)</i></li> <li>Can I choose the best tools and materials? + Food Tech</li> <li>Can I give a reason why my materials are best? <i>(explain why they chose a certain textile)</i></li> <li>Can I describe my design by using pictures, diagrams, models and words? + Food Tech</li> </ol> <p>Food Tech additional:</p> <ol style="list-style-type: none"> <li>Can I describe the properties of the ingredients I am using?</li> <li>Can I explain what 'hygienic' means?</li> </ol>	<ol style="list-style-type: none"> <li>Can I join things (materials/ components) together in different ways? <i>(using textiles; as part of a moving product; to make a product stronger)</i></li> <li>Can I measure textiles?</li> <li>Can I cut textiles? (+ celebrations in collage?)</li> <li>Can I add some kind of design to my product? + Food Tech</li> <li>Can I measure materials to use in a model or structure?</li> <li>Can I use joining, folding or rolling to make my product stronger?</li> <li>Can I include some type of movement into models?</li> </ol>	<ol style="list-style-type: none"> <li>Can I say what went well with my work? + Food Tech</li> <li>Can I say what I would want to improve if I did it again? + Food Tech</li> <li>Can I work hygienically when working with food?</li> </ol>	<p>Design Diagrams Models Joining Textile Product Structure Folding Rolling Improve</p>

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		Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluating processes and products	
YEAR THREE	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups <i>D2.1 (Puppets)</i></li> <li>generate, develop, model and communicate their ideas through discussion, <b>annotated sketches</b>, cross-sectional and exploded diagrams, <b>prototypes, pattern pieces and computer-aided design D2.2 (Puppets, Dinosaurs, Chocolate)</b></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately <i>M2.1 (Puppets, Dinosaurs, Chocolate)</i></li> <li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <i>M2.2 (Puppets)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>investigate and analyse a range of existing products <i>E2.1 (+ Chocolate)</i></li> <li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <i>E2.2 (Puppets, + Chocolate?)</i></li> <li>understand how key events and individuals in design and technology have helped shape the world <i>E2.3 (Chocolate)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures <i>TK2.1 (Puppets)</i></li> <li>understand and use mechanical systems in their products, (for example as gears, pulleys, cams, levers and linkages) <i>TK2.2 (covered extensively in Y4)</i></li> <li>understand and use electrical systems in their products, (for example series circuits incorporating switches, bulbs, buzzers and motors) <i>TK2.3 (covered in Y4)</i></li> <li>apply their understanding of computing to programme, monitor and control their products. <i>TK2.4 (covered in Y4)</i></li> </ul> <p>Cooking &amp; Nutrition (Food Tech)</p> <ul style="list-style-type: none"> <li>understand and apply the principles of a healthy and varied diet <i>CN2.1(Food technology)</i></li> <li>prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques <i>CN2.2 (Food technology)</i></li> <li>understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. <i>CN2.3</i></li> </ul>	<ol style="list-style-type: none"> <li>Can I show that my design meets a range of requirements? +Food Tech</li> <li>Can I put together a step-by-step plan which shows the order and also what equipment and tools I need? + Food Tech</li> <li>Can I describe my design using an accurately labelled sketch and words? + Food Tech</li> <li>Can I be sure if my plan will actually work? (<i>How realistic is their plan?</i>) + Food tech</li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I choose the right ingredients for a product?</li> <li>Can I describe how my combined ingredients come together?</li> <li>Can I grow plants such as cress and herbs and use them in my product?</li> </ol>	<ol style="list-style-type: none"> <li>Can I use equipment and tools accurately? + Food Tech</li> <li>Can I choose materials, tools and techniques appropriately for the task?</li> <li>Can I join materials in a variety of ways? (<i>stiff and flexible sheet materials and textiles</i>)</li> <li>Can I choose textiles for their appearance and their qualities?</li> <li>Can I use electrical and mechanical component in my design? (covered in year 4)</li> <li>Can I use a simple circuit? (covered in year 4)</li> <li>Can I use more than one component?</li> <li>Can I make accurate cuts and holes in stiff materials i.e. wood?</li> <li>Can I use a range of techniques to shape and mould? Can I use finishing techniques when working with mouldable materials?</li> <li>Can I use equipment and tools accurately?</li> <li>Can I use equipment and tools safely?</li> <li>Can I make my product look attractive?</li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I use equipment and tools accurately?</li> <li>Can I use equipment and tools safely?</li> <li>Can I make my product look attractive?</li> </ol>	<ol style="list-style-type: none"> <li>Can I explain what I changed which made my design even better? + Food Tech</li> <li>Can I say what went well with my work? + Food Tech</li> <li>Can I say what I would want to improve if I did it again? + Food Tech</li> </ol>	<p>Requirements</p> <p>Step-by-step Plan</p> <p>Equipment Tools</p> <p>Label Sketch</p> <p>Accurately Techniques</p> <p>Joining Textiles</p> <p>Appearance Quality</p> <p>Component Mechanical</p> <p>Electrical Circuit</p> <p>Stiff Shape</p> <p>Mould Finishing</p> <p>Mouldable</p>

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<p><b>Design</b></p> <ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups <i>D2.1 (Rainforests, Lighthouses)</i></li> <li>generate, develop, model and communicate their ideas through discussion, <b>annotated sketches</b>, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <i>D2.2 (Lighthouses, Rainforest)</i></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately <i>M2.1 (Rainforests)</i></li> <li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <i>M2.2 (Monarchs, Rainforest)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>investigate and analyse a range of existing products <i>E2.1 (Lighthouse, Rainforest)</i></li> <li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work (covered extensively in Y3) <i>E2.2</i></li> <li>understand how key events and individuals in design and technology have helped shape the world <i>E2.3 (+Lighthouse)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures <i>TK2.1 (covered extensively in Y5)</i></li> <li>understand and use mechanical systems in their products, (for example as gears, pulleys, cams, levers and linkages) <i>TK2.2 (Rainforests)</i></li> <li>understand and use electrical systems in their products, (for example series circuits incorporating switches, bulbs, buzzers and motors) <i>TK2.3 (Lighthouse)</i></li> <li>apply their understanding of computing to programme, monitor and control their products. <i>TK2.4 (ICT)</i></li> </ul> <p><b>YEAR 4 FOOD TECH:</b></p> <ul style="list-style-type: none"> <li>understand and apply the principles of a healthy and varied diet <i>CN2.1(Food technology) Cooking &amp; Nutrition</i></li> <li>prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques <i>CN2.2 (Food technology)</i></li> <li>understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. <i>CN2.3</i></li> </ul>	<ol style="list-style-type: none"> <li>Can I decide how I will check if my design is successful? + Food Tech</li> <li>Can I begin to explain how I can improve my original design? + Food Tech</li> <li>Can I devise a template?</li> <li>Can I explain the best way to join textiles?</li> </ol>	<ol style="list-style-type: none"> <li>Can I tell if my finished product is going to be good quality?</li> <li>Can I show that I have thought about my product's audience? + Food Tech <i>(the need to produce something that will be liked by others; do they use finishing techniques when using mouldable materials?) (+ Rainforest)</i></li> <li>Can I use a range of tools and equipment with increasing accuracy?</li> <li>Can I continue to work at and improve my product even if my original idea might not have worked? <i>(how have they altered their product after checking it; how have they attempted to make their product strong?)</i></li> <li>Can I measure materials and check my measurements to make sure I have not made any mistakes?</li> <li>Can I use a range of advanced techniques to shape and mould?</li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I tell if my finished product is going to be good quality?</li> <li>Can I use a range of tools and equipment with increasing accuracy?</li> <li>Can I continue to work at and improve my product even if my original idea might not have worked?</li> <li>Can I work safely and in a hygienic way</li> </ol>	<ol style="list-style-type: none"> <li>Can I evaluate my product, thinking of both appearance and the way it works?</li> <li>Can I take time to consider how I could have made my idea better?  (how have they altered their product after checking it; are they confident trying out new ideas?)</li> <li>Can I continue to check, adapt and refine my design to make sure it is the best it can be? + Food Tech  (when using all materials, especially mouldable materials)</li> <li>Can I evaluate appearance and function against the original criteria? + Food Tech</li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I present my product in an interesting way and explain why it was an effective presentation?</li> </ol>	<p>Template Devise Audience Accuracy Techniques Evaluate improve</p>

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		Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluating processes and products	
YEAR FIVE	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups <i>D2.1 (Settlements)</i></li> <li>generate, develop, model and communicate their ideas through discussion, <b>annotated sketches</b>, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <i>D2.2 (Settlements)</i></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately <i>M2.1 (Settlements)</i></li> <li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <i>M2.2 (Settlements– decoration of house)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>investigate and analyse a range of existing products <i>E2.1 (Settlements)</i></li> <li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <i>E2.2 (Settlements)</i></li> <li>understand how key events and individuals in design and technology have helped shape the world <i>E2.3 (Settlements)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures <i>TK2.1 (Settlements)</i></li> <li>understand and use mechanical systems in their products, (for example as gears, pulleys, cams, levers and linkages) <i>TK2.2 (Discrete in science)</i></li> <li>understand and use electrical systems in their products, (for example series circuits incorporating switches, bulbs, buzzers and motors) <i>TK2.3 (Covered extensively in Y4)</i></li> </ul> <p>apply their understanding of computing to programme, monitor and control their products. <i>TK2.4 (ICT)</i></p> <p><b>Cooking &amp; Nutrition:</b></p> <ul style="list-style-type: none"> <li><b>understand and apply the principles of a healthy and varied diet CN2.1</b></li> <li><b>prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques CN2.2</b></li> <li><b>understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. CN2.3</b></li> </ul>	<ol style="list-style-type: none"> <li>Can I come up with a range of ideas after I have collected information? + Food Tech</li> <li>Can I show how I consider the views of my audience when designing? + Food Tech <i>(do they think what the user would want when choosing textiles)</i></li> <li>Can I produce a detailed step-by-step plan? (covered in Y6)+ Food Tech</li> <li>Can I suggest some alternative plans and say what the good points and drawbacks are about each? + Food Tech</li> <li>Can I design a product to specific criteria? <i>(how have they made their product strong, attractive etc)</i></li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I make up a prototype?</li> </ol>	<ol style="list-style-type: none"> <li>Can I explain why my finished product is going to be of good quality? <i>(How have they ensured their product is strong and fit for purpose?)</i></li> <li>Can I explain how my product will appeal to the audience? ✓✓✓ + Food Tech</li> <li>Can I use a range of tools and equipment expertly? ✓✓✓ + Food Tech</li> <li>Can I use a range of joining techniques when working with textiles? (with wood )</li> <li>Can I persevere through different stages of the making process, even when I find things tricky? + Food Tech</li> <li>Can I incorporate a switch into my product? (covered in Y6 Science)</li> <li>Can I incorporate hydraulics and pneumatics?</li> <li>Can I use accurate measurements to ensure my final product is precise?</li> </ol> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I work safely and in a hygienic way and explain how I am doing this?</li> </ol>	<ol style="list-style-type: none"> <li>Can I continue to check, adapt and refine my design to make sure it is the best it can be? + Food Tech <i>(when using all materials, especially mouldable materials)</i></li> <li>Can I evaluate appearance and function against the original criteria? + Food Tech</li> <li>Can I present my product in an interesting way and explain why it was an effective presentation? + Food Tech</li> </ol>	<p>Views Audience Design Alternative Drawbacks Criteria Prototype Quality 'fit for purpose' Persevere Switch Hydraulics Pneumatics Precise Adapt Refine function</p>

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YEAR SIX	Content:	DT Skills			Vocabulary
		Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluating processes and products	
	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups <i>D2.1 (Maquettes)</i></li> <li>generate, develop, model and communicate their ideas through discussion, <b>annotated sketches, cross-sectional and exploded diagrams</b>, prototypes, pattern pieces and <b>computer-aided design</b> <i>D2.2 (Gears, Maquettes)</i></li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately <i>M2.1 (Maquettes)</i></li> <li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <i>M2.2 (Gears, Maquettes)</i></li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>investigate and analyse a range of existing products <i>E2.1 (Maquettes)</i></li> <li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <i>E2.2 (+Maquettes)</i></li> <li>understand how key events and individuals in design and technology have helped shape the world <i>E2.3 (???)</i></li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures <i>TK2.1 (Maquettes, + Gears)</i></li> <li>understand and use mechanical systems in their products, (for example as gears, pulleys, cams, levers and linkages) <i>TK2.2 (Gears)</i></li> <li>understand and use electrical systems in their products, (for example series circuits incorporating switches, bulbs, buzzers and motors) <i>TK2.3 (covered extensively in Y4)</i></li> </ul> <p>apply their understanding of computing to programme, monitor and control their products. <i>TK2.4 (ICT)</i></p> <p><b>Cooking &amp; Nutrition (Food Tech)</b></p> <ul style="list-style-type: none"> <li><b>understand and apply the principles of a healthy and varied diet</b> <i>CN2.1(Food technology) Cooking &amp; Nutrition</i></li> <li><b>prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</b> <i>CN2.2 (Food technology)</i></li> <li><b>understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</b> <i>CN2.3</i></li> </ul>	<ol style="list-style-type: none"> <li>Can I use a range of information to inform my design? + Food Tech</li> <li>Can I use market research to inform plans? (+Maquettes) <i>(have they thought about how their product could be sold?, particularly when working with textiles)</i> ✓✓✓ + Food Tech</li> <li>Can I work within constraints? + Food Tech</li> <li>Can I follow and refine my plan if necessary? + Food Tech</li> <li>Can I explain to someone else why my plan is suitable for my selected audience? (+Maquettes) + Food Tech</li> <li>Can I consider culture and society in my designs, when appropriate? + Food Tech</li> </ol> <p>Can I justify why my choice of selected materials was the best for the task?</p> <p><b>Food Tech additional:</b></p> <ol style="list-style-type: none"> <li>Can I grow my own products to make a salad (taking account of time)?</li> <li>Can I explain how my product should be stored and why?</li> </ol>	<ol style="list-style-type: none"> <li>Can I use tools and materials precisely? + Food Tech</li> <li>Can I adapt the way I am working if needed? + Food Tech</li> <li>Can I use different types of circuits to improve my product?</li> <li>Can I hide joints to improve the look of my product? <i>(when working with stiff and flexible sheet material)</i></li> </ol>	<ol style="list-style-type: none"> <li>Can I test and evaluate my final product? (+ Maquettes) + Food Tech</li> <li>Can I test my product to check it is 'fit for purpose'? + Food Tech (+Maquettes)</li> <li>Can I decide what different resources have improved my product? + Food Tech</li> <li>Can I decide whether I would need more or different information to make it even better? + Food Tech</li> <li>Can I evaluate my product against design criteria? +Food Tech</li> <li>Can I show how I considered the use of the product when selecting materials? + Food Tech</li> </ol>	<p>Market research</p> <p>Constraints</p> <p>Refine</p> <p>Culture</p> <p>Society</p> <p>Justify</p> <p>Precisely</p> <p>Adapt</p> <p>Joints</p> <p>Test</p> <p>Evaluate</p> <p>Resources</p> <p>Design criteria</p>

