



## Y2 Design and Technology

Design and Evaluate (DE)	Making (M)	Cookery and Nutrition (CN)
<b>DE 1-</b> I can start to generate ideas by drawing on my own and other people's experiences	<b>M 1- Materials:</b> <i>I can measure and mark out to nearest cm.</i>	<b>CN1-</b> I can explain where in the world different foods originate from.
<b>DE 2-</b> I can say what materials and tools I will use from a limited selection and justify my choices.	<b>M 2- Materials</b> I can demonstrate a range of joining techniques (such as gluing, hinges or combining materials to strengthen).	<b>CN2-</b> I can name and sort food into the five groups in the Eatwell Guide.
<b>DE3-</b> I can suggest improvements to existing designs to my own and others work.	<b>M 3- Textiles</b> I can join textiles using a running stitch.	<b>CN3-</b> I can use what I know about the Eatwell Guide to design and prepare dishes.
<b>DE4-</b> I can evaluate my product against the design criteria.	<b>M 4- Textiles</b> <i>I can colour and decorate textiles using a number of techniques (add embellishments to fabric).</i>	<b>CN4-</b> <i>I can cut, peel or grate ingredients safely and hygienically.</i>
<b>DE 5-</b> I can explore how products have been created.	<b>M 5- Electricals and electronics:</b> <i>I can diagnose faults in battery operated devices (such as low battery, water damage or battery terminal damage).</i>	<b>CN5-</b> <i>I can measure or weigh using measuring cups or electronic scales.</i>
<b>DE 6-</b> I can use ICT packages to create a labelled design or plan. (Colour Magic to draw the design and using a text box to label)	<b>M 6- Construction:</b> I can construct using gluing and nailing materials to make and strengthen products.	
<b>DE 7-</b> <i>I can refine the design as work progresses.</i>	<b>M 7- Mechanics:</b> I can create products using levers, wheels and axles.	

Autumn Paddington Explores London	Spring 1 Wind In The Willows	Summer The Lighthouse Keeper's Lunch
DE2 DE3 DE4 DE7 M1 M2	DE1 DE2 DE3 DE4 DE7 M3 M6 M7	DE2 DE3 DE4 DE5 DE6 DE7 M1 M2

Throughout the year CN 1, CN2, CN3 will be covered, making links with Science and PHSRE when appropriate.



## Vocabulary

### Designing, Evaluating, Making

Explore, object, product, construct, deconstruct, design, existing designs, audience (intended user), like, dislike, draw, sketch, label, computer software, select, tools, glue, nails, hammer, materials, card, paper, fabric, running stitch, needle, thread, cotton, wheels, axles, suggest, evaluate, clear purpose, discuss, share, improve, fit for purpose, adapt, *refine, measure, embellish, electric, electrical fault*

### Cooking and Nutrition

Originate, food, grow, fruit, vegetables, protein, dairy, oils, fats, carbohydrates, fat, sugar, salt, *cut, peel, grate, chop, knife, measure, scales, mix, stir, hygiene, safe,*

I will know....	I will know....	I will know....
<ul style="list-style-type: none"> <li>○ the names of the tools I will use (glue, scissors etc)</li> <li>○ how to identify successes and areas for improvement in my own work</li> <li>○ how to check my product follows the design criteria</li> <li>○ that I can make changes to my design as I make it, when appropriate</li> <li>○ how to measure to the nearest cm</li> <li>○ how to join materials together using glue or hinges (for example to make it stronger)</li> <li>○</li> </ul>	<ul style="list-style-type: none"> <li>○ how to use what my experiences to influence my designs (such as what has worked well before)</li> <li>○ ways that other people have designed items and use that to help me when I am designing</li> <li>○ the names of the tools I will use (needles, scissors etc)</li> <li>○ how to identify successes and areas for improvement in my own work</li> <li>○ how to identify successes and areas for improvement in the work of my friends</li> <li>○ that I can make changes to my design as I make it, when appropriate</li> <li>○ how to sew using a running stitch to join fabric</li> <li>○ how to use glue to join materials together</li> <li>○ why nails are used to join materials</li> <li>○ how to safe use a hammer to nail materials together</li> </ul>	<ul style="list-style-type: none"> <li>○ the names of the tools I will use (nails, hammers etc)</li> <li>○ how to identify successes and areas for improvement in my own work and that of other people</li> <li>○ how a range of products have been made (such as food packaging)</li> <li>○ how to use computer software to design a product (Such as Colour Magic)</li> <li>○ that I can make changes to my design as I make it, when appropriate</li> <li>○ how to measure to the nearest cm</li> <li>○ which tool (nails or glue) is best for joining the materials I am using together (Such as card or wood)</li> <li>○ why it is important I wash my hands before preparing food</li> <li>○ why I must be careful when preparing food</li> <li>○ how to use scales to measure ingredients</li> </ul>