



## Crofton Junior School – DT Knowledge Organiser – The Magic of Chocolate – Year 5 Autumn Term



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| <b>Unit of Work</b>                          | DT – The Magic of Chocolate – Chocolate packaging   |
| <b>Text Driver the Unit of Work Links to</b> | Charlie and the Chocolate Factory   |
| <b>Key Strand</b>                            | Master Practical Skills – Food<br>Master Practical Skills – Materials<br>Master Practical Skills - Construction<br>Design, Make, Evaluate and Improve   |
| <b>Overview of the Unit of Work</b>          | Pupils will learn how to create packaging for a chocolate product thinking carefully about the storage of food as well as the practicality of the packaging itself. They will construct materials with precision and design with the user in mind.  |
| <b>Prior Learning &amp; Vocabulary</b>       | <p>During the Autumn Term of Year 3, pupils will have looked at food from around the world. Also, during the Spring Term of Year 3, the pupils will have looked at materials whilst making Stone Age sandals. Pupils look at materials again in the Spring Term of Year 4 whilst making Egyptian cushions.</p> <p><b>Vocabulary:</b> design, make, evaluate, technical, purposeful, appealing, criteria, generate, develop, model, communicate, ideas, templates, tools, practical, materials, components, construction, product, purpose, inspiration, features, technique, intended user, existing, shaping, joining, disassemble</p>   |
| <b>Sticky Knowledge</b>                      | <p>Pupils will learn:</p> <ul style="list-style-type: none"><li>• Designers follow a process to develop and make a product. First in the design process is thinking; this is where the designer develop an outline idea. To do this, they think about the product, its purpose, the intended users, ideas and inspiration from existing products, the product’s features and the materials and techniques they will use.</li><li>• To understand the importance of correct storage and handling of ingredients.</li><li>• To cut materials with precision and refine the finish with appropriate tools. Also, to show an understanding of the qualities of materials so as to choose appropriate tools to cut and shape them.</li><li>• Develop a range of practical skills to create products e.g. cutting, gluing, folding, shaping.</li><li>• Design with the user in mind, motivated by the service a product will offer, make products through stages of prototypes – making continual refinements and ensure products have a high quality finish, using art skills where necessary.</li></ul> |



### New Vocabulary

storage – the action of storing something for future use  
handling – feel or manipulate with the hands  
microorganisms – such as bacteria, virus or fungus  
precision – to do something exactly with care  
refine – to improve upon something  
motivated – to be inspired by  
prototype – the first, original or typical form of something

### Post Learning

During the Autumn Term of Year 6, pupils will look at materials and construction again when making their constellation frames. Also, during the Summer Term of Year 6, pupils will look at food again whilst looking at balanced diets.