LONGTON LANE PRIMARY SCHOOL SUBJECT: DT YEAR 2

*‘Believe and Achieve’*

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|  | National Curriculum Subject ContentDesign  * design purposeful, functional, appealing products for themselves and other users based on design criteria **1** * generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology **2**  Make  * select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] **3** * select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics **4**  Evaluate  * explore and evaluate a range of existing products **5** * evaluate their ideas and products against design criteria **6**  Technical knowledge  * build structures, exploring how they can be made stronger, stiffer and more stable **7** * explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.8  Cooking and Nutrition  * use the basic principles of a healthy and varied diet to prepare dishes **9** * understand where food comes from. **10** | | |
| Year Group | **Vehicles**  **Wheels/axels** | **Cookies**  **Cooking and nutrition** | **Moving pictures**  **Mechanisms** |
| 2 | Think of ideas and plan based on specific criteria  Choose the best tools and materials and explain reasons for choosing them  Describe their design by using pictures, diagrams, models and words  Join things (materials/components) together in different ways  Explain what went well with their work Explain what they would improve  Measure materials to use in a model  Begin to use a template  Use joining, folding or rolling to make it stronger  Join materials together as part of a moving product  Make a product that moves e.g. pulleys, spinners, wheels, axles  Cut materials using scissors  Say why they have chosen moving parts  Make sensible choices as to which material to use for their constructions  Develop their own ideas from initial starting points | Think of ideas and plan based on specific criteria  Choose the best tools and materials and explain reasons for choosing them  Describe their design by using pictures, diagrams, models and words  Explain what went well with their work Explain what they would improve  Describe the properties of the ingredients they are using  Explain what it means to be hygienic  Be hygienic in the kitchen  Understand where food comes from  Talk about the basic principles of a varied healthy diet | Think of ideas and plan based on specific criteria  Choose the best tools and materials and explain reasons for choosing them  Describe their design by using pictures, diagrams, models and words  Join things (materials/components) together in different ways  Explain what went well with their work Explain what they would improve  Measure materials to use in a model  Begin to use a template  Use joining, folding or rolling to make it stronger  Join materials together as part of a moving product  Add design to their moving product  Cut materials using scissors  Say why they have chosen moving parts  Measure, cut and join textiles to enhance a moving picture  Make sensible choices as to which material to use for their constructions  Develop their own ideas from initial starting points |

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| **Developing, planning and communicating ideas** | **Working with tools, equipment, materials and components to make quality products** | **Evaluating processes and products** | **Cooking and nutrition** | **Textiles** | **Mechanisms** | **Use of materials** | **Construction** |