Stakesby Primary Academy Design Technology Overview Matrix *Commitment Kindness Excellence*

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|  | Autumn 1 | Autumn 2 | Spring 1 | | Spring 2 | Summer 1 | Summer 2 |
| Food & Nutrition | | | | Materials, Structures & Mechanisms | | | |
| EYFS | Year A - What was life like when my grandparents  were little?  Year B – How do people help us? Who was Florence Nightingale and why was her job important? | Year A – What food do people celebrate with and where does it come from?  Year B – How do people celebrate? | Year A – What are the differences between light and dark?  Year B – How does the weather change in Spring? | | Year A – How has transport changed?  Year B – What toys did my family used to play with? | Year A - Patterns in nature/ portraits  Year B – How are homes different? | Year A – What lives at the beach?  Year B – What animals are there and where do they live? |
| I can construct with a purpose in mind.  I can use a range of materials to construct and make.  I can explore a range of tools.  I can understand vocabulary associated with designing and making e.g. plan, evaluate. | | I can use a range of tools effectively and safely.  I can use vocabulary associated with designing and making e.g. plan, evaluate.  I can plan, do and review.  I can select tools and techniques to shape, assemble and join materials they are using | | | I can evaluate my own work against the design criteria.  I can think of ways to improve my work. | |
| Year 1 | Can I make a toy that moves? | | Can I design and make a city building? | | | Can I design and make a healthy smoothie? | |
| Year 2 |  | | Can I make a bus that moves? | | | Can I design and make a seasonal fruit dessert? | |
| Year 3/4/5  **C** (21-22) | Can I recreate a Saxon dwelling made from a variety of materials? | |  | | | Can I plan and make a healthy meal with a Greek influence? | |
| Year 3/4/5  **B** (23-24) |  | | Can I make bread and a pizza? | | | Can I design and make a musical instrument and play it in a band? | |
| Year 3/4/5  **A** (22-23) |  | | Can I make a model that includes pneumatics and/or pulleys? | | | Can I design and cook a heathy meal inspired by ingredients from the Amazon? | |
| Year 6 |  | | Can we make a game that includes an electrical circuit (and/or pneumatic, and/or mechanical element) | | | Can we plan, prepare and cook for a Restaurant Evening? | |

