**Design and Technology Long Term Plan**

| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| Year 1 | | | | | |
|  |  |  |  |  |  |
| Year 2 | | | | | |
|  |  |  |  |  |  |
| Year 3 | | | | | |
|  | **Construction**  Designing   * **To use research to inform knowledge of stable structures.** * **To use knowledge of construction and joining materials to test mock ups.** * **To apply their knowledge of mock-up evaluation in their designs.** * **To communicate their designs using labelled sketches and ordered steps.**   Evaluating   * **To use a design brief to evaluate how stable their product is, using this to suggest a design improvement.**   Technical Knowledge   * **To know how to create a hidden join.** * **To know how to score using scissors.** * **To know that the shape and size of a structure’s base affects its stability.** * **To know that a buttress is placed against a wall to make a structure more stable.**   Making   * **To select suitable construction to create a free-standing structure.** |  |  |  |  |
| Year 4 | | | | | |
|  |  |  |  |  |  |
| Year 5 | | | | | |
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| Year 6 | | | | | |
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