**Autumn 2**

Year 3 Planning

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| To use research to inform knowledge of stable structures. | | |
| Working below expected | At expectation | Above expectation |

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| To use a design brief to evaluate how stable their product is, using this to suggest a design improvement. | | |
| Working below expected | At expectation | Above expectation |

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| To use knowledge of construction and joining materials to test mock ups. | | |
| Working below expected | At expectation | Above expectation |

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| To apply their knowledge of mock-up evaluation in their designs. | | |
| Working below expected | At expectation | Above expectation |

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| To know how to create a hidden join. | | |
| Working below expected | At expectation | Above expectation |

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| To communicate their designs using labelled sketches and ordered steps. | | |
| Working below expected | At expectation | Above expectation |

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| To select suitable construction to create a free-standing structure. | | |
| Working below expected | At expectation | Above expectation |

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| To know how to score using scissors. | | |
| Working below expected | At expectation | Above expectation |

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| To know that the shape and size of a structure’s base affects its stability. | | |
| Working below expected | At expectation | Above expectation |

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| To know that a buttress is placed against a wall to make a structure more stable. | | |
| Working below expected | At expectation | Above expectation |