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| **Year group** | **Topic being covered this half term** | **Tasks** | **Resources/ websites** |
| **7**  | Sources of materialsTools and equipmentWorkshop safetyDeveloping Isometric drawing | Design ideasModelling ideasComplete work set via class-charts | <https://www.technologystudent.com/><https://www.bbc.co.uk/bitesize/subjects/zfr9wmn>[www.youtube.windleworkshop](file:///%5C%5Cstbedes.sch%5Cshares%5Cteachers%5CR.Gibson%5Cwww.youtube.windleworkshop)  |
| **8**  | Properties of materialsTimbers and boardsJoining methodsDesigning for a target audience | Design ideasModelling ideasComplete work set via class-charts | <https://www.technologystudent.com/><https://www.bbc.co.uk/bitesize/subjects/zfr9wmn> |
| **9**  | Working to a design briefThe 6 Rs of sustainabilityThe environmentProperties of materials -metalsModelling and manipulating materials  | Design ideasReview of ideasModelling ideasDesign SpecificationComplete work set via class-charts | <https://www.technologystudent.com/><https://www.bbc.co.uk/bitesize/subjects/zfr9wmn>[www.youtube.windleworkshop](file:///%5C%5Cstbedes.sch%5Cshares%5Cteachers%5CR.Gibson%5Cwww.youtube.windleworkshop) |
| **10**  | **GCSE Design Technology.** Materials, types and properties.  | Metals, Papers and boards, Polymers.**See class-charts for more detailed information from Mr Gibson.** | <https://www.technologystudent.com/><https://www.bbc.co.uk/bitesize/examspecs/zb6h92p> |
| **11** | Completion of NEA ready for hand-in deadline of February half term. | 1 – **Investigate 16 marks** Investigation of needs and research, and a product **specification.** 2 – **Design** **42 marks**Produce design ideas, review ideas, develop ideas into a chosen design, communication of ideas and review of the chosen design. 3 – **Make 36 marks**Manufacture, quality and accuracy.4 – **Evaluate** **6 marks**Testing and evaluation.**See class-charts for more detailed information from Mr Gibson.** | <https://www.bbc.co.uk/bitesize/examspecs/zb6h92p><https://www.technologystudent.com/><https://qualifications.pearson.com/en/qualifications/edexcel-gcses/design-and-technology> |