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| **Year 5 Summer 1 – 3D Modelling** |
| **Key Images**  | **Key Learning** |
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| 2D Image |  |
| 3D Image |  |
| Net View |  |
| Colour palette |  |
| Clear, Undo and Redo |  |
| Fill options |  |
| Magnify |  |

 | * To be introduced to 2Design and Make and the skills of computer aided design.
* To explore the effect of moving points when designing.
* To understand designing for a purpose.
* To understand printing and making.
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| **Key Vocabulary** | **Key Questions** |
| * CAD – Computer aided Design
* Modelling
* 3D
* Viewpoint
* Polygon
* 2D
* Net
* 3D Printing
* Points
* Template
 | **What are the different view of an object available in 2Design and Make?**Net, Points and 3D.**How can the objects designed in 2Design and Make be turned into 3D objects?**You can print the net and then cut and fold this into shape or you can convert the file into a format recognised by 3D printers.**How is CAD software used in industry?**It is used to design 3D objects in a 2D environment.Some examples are; Architectural plans for buildings; designing layouts for interiors; designing objects such as packaging and designing mechanical components; designing shoes and clothing. |

Reference to