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|  | **Term 1** | **Term 2** | **Term 3** | **Term 4** | **Term 5** | **Term 6** |
| **Year R** | **EAD/PD/UTW/PSED links**Begin to use simple tools with support. Create model of houses from recycled materials. Explore materials freely. | **EAD/PD/UTW/PSED links**Continue to use simple tools with support. Create model of transport from recycled materials. Developing joining techniques. Explore materials freely.  | **EAD/PD/UTW/PSED links**Continue to use simple tools with support. Large scale construction. Continue to develop joining techniques. Explore materials freely. Create collaboratively. | **EAD/PD/UTW/PSED links**Continue to use simple tools with support.Build on large scale construction. Continue to develop joining techniques. Create collaboratively. | **EAD/PD/UTW/PSED links**Continue to use simple tools with support. Build on large scale construction. Continue to develop joining techniques. Create collaboratively and freely. | **EAD/PD/UTW/PSED links**Use simple tools safely. Build on large scale construction. Continue to develop joining techniques. Create collaboratively and freely. |
| **Year 1** |  | OLE: Mechanics- wheels and axles (moving toy)OPW- Food – preparing fruits (smoothie) |  | OLE: Free standing structure- create a castle |  | Textiles- templates and joining techniques- make a puppet |
| **Year 2** | Mechanics: Make a moving picture (levers and sliders) for the Great Fire of London  |  | OLE: Food- Preparing fruits and vegetables (soup for a patient)  |  | OLE: Free-standing structure. Make a house on stilts |  |
| **Year 3** |  | OLE: Structure (shell structure), a disposable lunchboxOPW: Food- Healthy and varied diet (Make a seasonal tart) |  | OLE: Mechanics (pneumatics). Make a moving Greek monster |  | Textiles: Make a bag to carry shopping items (2D shape to 3D product)   |
| **Year 4** |  |  | OLE: Mechanics (levers and linkage). Make a book with moving parts |  | OLE: Electronic systems: Simple circuits and switches.Make a boat with a light. | Food -health and varied diet- make a variety of breads. |
| **Year 5** | OLE: Frame structure- (Make a bridge; linked to Brunel)  |  | Food-Celebrating culture and seasonality-Spaghetti Bolognese. |  |  | OLE: Mechanics- CamsCreate an automata animal. |
| **Year 6** | OLE:  Food- celebrating culture and seasonality. 3 course meal |  |  |  | Textiles-Make a cushion cover | OLE: Electrical system. Create a board game with an electrical part controlled by a Crumble Kit. |