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|  | ***Street detectives- (*Make bridges based on local area. Use a range of materials and 3D maps.)*****Year 2 DT*** |
| **Key vocabulary** | Explanation/ definition | **KEY SKILLS**Work within a range of contextPlan by suggesting what to do next.Talk about their design ideas and what they are making.Begin to use the correct technical vocabulary for projects.Paper Bridge Challenge | Design a structure capable of suppo… | FlickrThe Design Process * Evaluation | The universal Design Proce… | FlickrPlanning - Handwriting image |
| **Structure** | the arrangement of and relations between the parts or elements |
| **Framework** | an essential supporting structure of a building, vehicle, or object. |
| **Design** | a plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made. |
| **Function** | an activity that is natural to or the purpose of a person or thing |
| **Purpose** | the reason for which something is done |
| **Evaluate** | making a judgment |
| **Base** | the lowest part or edge of something |
| **3D and 2D shapes** | The name of common 2D and 3D shapes |

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|  | ***Healthy eating (science link)******Year 2 DT*** |
| **Key vocabulary** | Explanation/ definition | Food hygiene Food hygiene rating | Does this rating correspond to Yelp's … | FlickrRecognise and group healthy foodsFile:Eatwell Plate.png - Wikimedia Commons Design and exploreDesign and Technologies | teachingtechnologies |
| **Healthy** | indicating or promoting good health |
| **Diet** | the kinds of food that a person, animal, or community habitually eats. |
| **Ingredients** | any of the foods or substances that are combined to make a particular dish. |
| **Taste** | a person's liking for particular flavours. |
| **Arranging** | put (things) in a neat or required order. |
| **Fruit/veg names** | Names of common fruit and veg. |
| **Design** | a plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made. |

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|  | ***Up, up and away (*Mechanism – Create best flying machine.)*****Year 2 DT*** |
| **Key vocabulary** | Explanation/ definition | Design and describe ideasSpeaking in Phases Activity | NASA/JPL EduSelect, use, measure and assemble a range of materials.Understand the use of componentsHD wallpaper: top view of arts and craft kit, wooden, paper, note ... Explore and evaluateThe Design Process * Evaluation | The universal Design Proce… | Flickr |
| **Axel** | a rod or spindle (either fixed or rotating) passing through the centre of a wheel or group of wheels. |
| **Chassis** | the base frame of a car, carriage, or other wheeled vehicle |
| **Shaping** | give a particular shape or form to |
| **Functional** | designed to be practical and useful. |
| **Joining** | link; connect |
| **Mechanism** | a system of parts working together in a machine |
| **Finishing** | complete the manufacture or decoration of (an article) |

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|  | ***Wriggle and crawl (Make a bug hotel to sell)******Year 2 DT*** |
| **Key vocabulary** | Explanation/ definition | Design, develop and communicate ideasInsect house,bee,leaf,cutter,house - free image from needpix.comSelect, assemble and join componentsInsect hotel under construction | I helped the site manager … | FlickrThe Design Process * Evaluation | The universal Design Proce… | FlickrExplore and evaluate |
| **Framework** | an essential supporting structure of a building or object |
| **Underneath** | situated directly below |
| **Edge** | the outside limit of an object.  |
| **Surface** | the outside part or uppermost layer of something |
| **Product** | a thing that is the result of an action or process |
| **Function**  | an activity that is natural to or the purpose of a thing |
| **Point** | the tapered, sharp end of a tool, weapon, or other object. |
| **Curved** | having the form of a curve; bent |