|  |  |  |
| --- | --- | --- |
|  | ***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 context  Plan 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 |

|  |  |  |
| --- | --- | --- |
|  | ***Healthy eating (science link)***  ***Year 2 DT*** | |
| **Key vocabulary** | Explanation/ definition | Food hygiene Food hygiene rating | Does this rating correspond to Yelp's … | Flickr  Recognise and group healthy foods  File: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. |

|  |  |  |
| --- | --- | --- |
|  | ***Up, up and away (*Mechanism – Create best flying machine.)**  ***Year 2 DT*** | |
| **Key vocabulary** | Explanation/ definition | Design and describe ideas  Speaking in Phases Activity | NASA/JPL Edu  Select, use, measure and assemble a range of materials.  Understand the use of components  HD 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) |

|  |  |  |
| --- | --- | --- |
|  | ***Wriggle and crawl (Make a bug hotel to sell)***  ***Year 2 DT*** | |
| **Key vocabulary** | Explanation/ definition | Design, develop and communicate ideas  Insect house,bee,leaf,cutter,house - free image from needpix.com  Select, assemble and join components  Insect hotel under construction | I helped the site manager … | FlickrThe Design Process * Evaluation | The universal Design Proce… | Flickr  Explore 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 |