Design Technology Visits and Visitors

Outlined below are the visits and visitors for each Key stage. Please remember many elements of your other trips will have Design Technology links. The main ones may include cooking and food preparation, local industrial heritage, manufacture and computer aided design.

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| --- | --- | --- | --- | --- | --- |
| By the end of EYFS | By the end of KS1 | By the end of KS2 | By the end of KS3 | By the end of KS4 | By the end of KS5 |
| Visits  To identify simple machines and tools.  See saws/Swings (park)  Digger/wheelbarrow  Outdoor Education links  Problem solving  Safety  design | Visits  To identify simple machines and tools.  See saws/Swings (park)  Digger/wheelbarrow  Understand basic rules around kitchen hygiene  (café)  Outdoor Education links  Problem solving  Safety  Design  Food preparation | Visits  To identify simple machines and tools.  See saws/Swings (park)  Digger/wheelbarrow  Understand basic rules around kitchen hygiene (larger restaurant serving hot food)  Discover the richness of local industrial heritage Beamish and Causey Arch  Outdoor Education links  Problem solving  Safety  Design  Food preparation  Transport | Visits  To access a workshop environment as part of a cross schools program.  To have used design-make and evaluate process during careers linked visits  If a ‘young leader’ to use design—make-evaluate in leadership activities  To discover the richness of local Industrial herniate in terms of transport innovation.  To identify sources of renewable energy in the local area and the advantages and disadvantages for this.  Outdoor Education Links  Problem solving  Safety  Design  Food preparation  Transport  Reading and interpreting maps  Environmental issues | Visits  To access a workshop environment as part of a cross schools program.  To have used design-make and evaluate process during careers linked visits  If a ‘young leader’ to use design—make-evaluate in leadership activities  To discover the richness of local Industrial herniate in terms of transport innovation.  To identify sources of renewable energy in the local area and the advantages and disadvantages for this.  To have used planning, making and evaluating as well as other technical skills in work experience /enterprise activities  To have seen further design technology learning opportunities when visiting colleges  Outdoor Education Links  Problem solving for life  Number links  Maps – position/direction  Measuring | Visits  To access a workshop environment as part of a cross schools program.  To have used design-make and evaluate process during careers linked visits  If a ‘young leader’ to use design—make-evaluate in leadership activities  To discover the richness of local Industrial herniate in terms of transport innovation.  To identify sources of renewable energy in the local area and the advantages and disadvantages for this.  To have used planning, making and evaluating as well as other technical skills in work experience /enterprise activities  To have seen further design technology learning opportunities when visiting colleges  Outdoor Education Links  Problem solving for life  Number links  Maps – position/direction |
| Visitors  Builder/site manager  Cook/Chef | Visitors  Architect/planner  Playground designer | Visitors  Mike Nelson (Robotics)  Commercial chef/caterer  Nissan | Visitors  Mike Nelson (Robotics)  Commercial chef/caterer  Nissan  Renewable energy consultant (DCC)  Hitatchi trains production  Phil Allan 3D printing | Visitors  Mike Nelson (Robotics)  Commercial chef/caterer  Nissan  Renewable energy consultant (DCC)  Hitatchi trains production  Phil Allan 3D printing | Visitors  Mike Nelson (Robotics)  Commercial chef/caterer  Nissan  Renewable energy consultant (DCC)  Hitatchi trains production  Phil Allan 3D printing |

Visits and visitors linked to Science, Design Technology, ICT and Careers will contain links to Mathematics and Numeracy

Please also use in conjunction with the Mathematical/Numeracy opportunities linked to the CEIAG Curriculum. Please see the other highlighted documents attached which showcase these.