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 |
| VisitsTo identify simple machines and tools.See saws/Swings (park)Digger/wheelbarrowOutdoor Education linksProblem solvingSafetydesign | VisitsTo identify simple machines and tools.See saws/Swings (park)Digger/wheelbarrowUnderstand basic rules around kitchen hygiene(café)Outdoor Education linksProblem solvingSafetyDesignFood preparation | VisitsTo identify simple machines and tools.See saws/Swings (park)Digger/wheelbarrowUnderstand basic rules around kitchen hygiene (larger restaurant serving hot food)Discover the richness of local industrial heritage Beamish and Causey ArchOutdoor Education linksProblem solvingSafetyDesignFood preparationTransport | VisitsTo access a workshop environment as part of a cross schools program.To have used design-make and evaluate process during careers linked visitsIf a ‘young leader’ to use design—make-evaluate in leadership activitiesTo 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 LinksProblem solving SafetyDesignFood preparationTransportReading and interpreting mapsEnvironmental issues | VisitsTo access a workshop environment as part of a cross schools program.To have used design-make and evaluate process during careers linked visitsIf a ‘young leader’ to use design—make-evaluate in leadership activitiesTo 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 activitiesTo have seen further design technology learning opportunities when visiting collegesOutdoor Education LinksProblem solving for life  Number linksMaps – position/directionMeasuring | VisitsTo access a workshop environment as part of a cross schools program.To have used design-make and evaluate process during careers linked visitsIf a ‘young leader’ to use design—make-evaluate in leadership activitiesTo 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 activitiesTo have seen further design technology learning opportunities when visiting collegesOutdoor Education LinksProblem solving for life  Number linksMaps – position/direction |
| VisitorsBuilder/site managerCook/Chef | VisitorsArchitect/plannerPlayground designer | VisitorsMike Nelson (Robotics)Commercial chef/catererNissan | VisitorsMike Nelson (Robotics)Commercial chef/catererNissanRenewable energy consultant (DCC)Hitatchi trains production Phil Allan 3D printing | VisitorsMike Nelson (Robotics)Commercial chef/catererNissanRenewable energy consultant (DCC)Hitatchi trains production Phil Allan 3D printing | VisitorsMike Nelson (Robotics)Commercial chef/catererNissanRenewable 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.