**Material Technologies - Graphics**

**Teacher checklist**

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| **Meeting point /time** | Customs House forecourt, Alfred St Sydney at 9:45am(See map on website) |
| **Finishing point /time** | Argyle Place, Millers Point at 2:15pm (please advise the EEC prior to the fieldtrip if there are any changes required to the finishing time). |
| **Approximate walking distance** | 1.6km on mainly flat terrain. This excursion is wheelchair accessible. |
| **Transport** | By bus: Drop off and pick up at First Fleet park on George St. By train: Drop off and pick up at Circular Quay Station. |
| **Risk management advice** | Please see The Built Environment risk management plan document on the OHEEC website. |
| **Clothing** | School uniform is preferred for easy identification in the city.Sturdy walking shoes are also recommended. |
| **What to bring** | Fieldwork worksheets, pen and pencil, a water bottle, hat and sunscreen (or wet weather equipment), a mobile phone or camera to document the fieldtrip. |
| **Food** | Students must bring their own food. There will be **no opportunities to purchase food** on this fieldtrip.  |
| **Staffing** | It is expected that teachers actively supervise their class throughout the day to support student learning and behaviour management. |
| **Extreme or wet weather** | **If there is a need to cancel on the day, please leave a message by dialling 9247 7321 as early as possible or the Principal on 0400 230 699.** |
| **Cancellations** | Cancellations need to be made within 2 weeks of the date of the fieldtrip or a cancellation fee of $40.00 per class will be charged. If cancellation occurs due to inclement weather on the day, no fee will be charged. If there is a need to cancel on the day, please leave a message by dialling 9247 7321 as early as possible or the Principal on 0400 230 699. |
| **Medical or special needs** | Please advise OHEEC staff of any student with special needs when booking the fieldtrip (e.g. special mobility requirements). Please ensure that required medications for students are brought on the day and communicated to staff (e.g. epipen and individual anaphylaxis plans). EEC staff carry a basic first aid kit, however, teachers should also bring required first aid equipment. |
| **Pre-excursion activities** | Pre-visit activities carried out prior to the fieldtrip will help students better understand their fieldtrip content and provide links with classroom learning. Please see The Built Environment program page on the OHEEC website for pre fieldwork and follow up activities. |

**The Built Environment**

Summary of Learning Sites, Activities and Outcomes

Please note: program timing and rotation is subject to change depending on number of classes, site availability or other external factors such as weather.

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| **Learning Site** | **Activity** | **Students will be able to**  |
| **Meeting place:**  Forecourt of Customs House Sydney  |
| 1. Investigation of design principles at *Customs House* Sydney 9.30 – 10.00 | * Introduction to fieldwork aims and recap on design brief
* Identifying design features of an adaptively reused heritage building.
 | * Develop criteria to evaluate design ideas, processes and solutions, the functionality of aesthetics, and a range of constraints.
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| 10.00 – 10.30 Recess – First Fleet Park |
| 2. Investigation of design principles at the *Rocks Discovery Museum* 10.30 – 11.00 | * Identifying design features of an adaptively reused heritage building.
 | * Develop criteria to evaluate design ideas, processes and solutions, the functionality of aesthetics, and a range of constraints.
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| 3. Walk to the proposed design site in Lower Fort St Millers Point 11.00 - 11.30 | * Investigate the site to be redesigned through adaptive reuse
 | * Investigate products and services for the individual and/or the community
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| 4. Design workshop at Observatory Hill EEC (1 class) or Millers Point Community Centre (2 classes)11.30 – 12.30 | * Presentation on sustainable building design and demonstration of sustainable house model
* Begin concept planning to address a design brief
 | * Investigate the role of an engineering professional and their impact on the environment and society
* Select and use a variety of critical and creative thinking strategies to generate innovative design ideas
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| 12.30 - 1.10 Lunch – Rocks Square |
| 5. Walk to Millers Point design site1.10 - 2.00 | * CAD using Home Design app on ipads
* Demonstration of Google Sketchup for follow up designs
 | * Select and use a variety of critical and creative thinking strategies to generate innovative design ideas
* Generate and communicate the development of design ideas, plans and processes for various audiences, using appropriate technical terms and technologies including graphical representation techniques
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| Walk to departure Point – Argyle Place Park (by bus) or Circular Quay Station (by Train)2.00 - 2.15 |