

# STAGE 5 ASSESSMENT



## HSIE FACULTY ASSESSMENT TASK COVERSHEET

**Kate Graham,**  
**Head Teacher HSIE,**  
**Sydney Secondary College, Balmain Campus**

**Subject: Geography**

**Task: Environmental change and management  
OR Changing Places – Investigative Report**

**Stage: 5**

**Year: 10**

**TOPIC/MODULE:** Environmental Change and Management – Investigative Report

**WEIGHTING:** 30%

**DUE DATE:** Week 2 Term 2

**TIME ALLOWED:** 6 weeks

**OUTCOMES:**

**GE5-2** Explains processes and influences that form and transform places and environments

**GE5-3** Analyses the effect of interactions and connections between people, places and environments

**GE5-4** Accounts for perspectives of people and organisations on a range of geographical issues

**GE5-5** Assesses management strategies for places and environments for their sustainability

**GE5-7** Acquires and processes geographical information by selecting and using appropriate and relevant geographical tools for inquiry

**GE5-8** Communicates geographical information to a range of audiences using a variety of strategies

**TASK:** Investigative Report

**ADDITIONAL INFORMATION:**

- This is a formal assessment item. Absence due to illness must be supported by a medical certificate and the appropriate forms from the assessment booklet, presented to the Head Teacher on the **first** day of your return to school, irrespective of your timetable for this subject. You must be prepared to attempt the task on the first day of your return to school – i.e. when your medical certificate expires.
- **Penalties for unacceptable late submission and non-attempt of assessment** are a mark of zero will be issued and an N warning issued. All work is to be attempted.
- If **plagiarism** is evident an automatic mark of zero will be given and the student/s guilty will re-attempt the assessment.



## Revitalisation of the White Bay Power Station



Urban Growth NSW is seeking an Environmental Management Plan for the White Bay Power Station (not really, but just humour your teachers ☺)

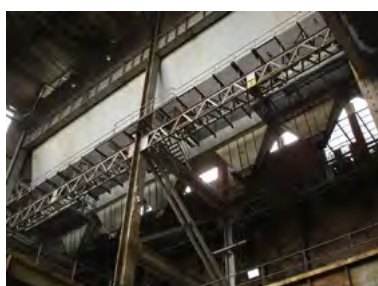
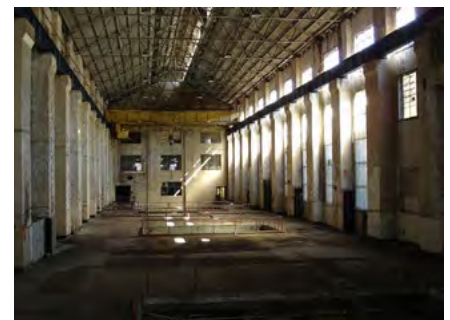
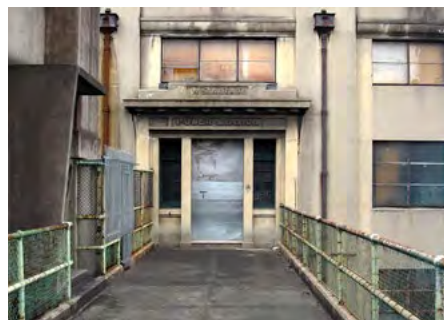
The White Bay Power Station sits within the Bays Precinct which consists of approximately 80 hectares of Government owned land and sits within 2km of the Sydney CBD. It includes sites such as the heritage-listed White Bay Power Station, Glebe Island, White Bay, Rozelle Bay, Rozelle Rail Yards and Blackwattle Bay, including the Sydney Fish Market. It is the story of Sydney's many parts, combining commerce, industry, leisure, housing and water activities. It is also neighboring developments including west Connex, revitalisation of the fish markets and the White Bay passenger terminal.

Left: Bay Precinct Discovery Day, White Bay Power Station April 2015. Photo: J. Sillar

Your task is to provide an investigate geography report which answers the following key question:

Outline your vision to redevelop the White Bay Power Station considering:

- Economic viability — is it affordable?
- Social justice — is it fair to all in the wider community and accessible?
- Environmental benefits — are your plans sustainable and/or have minimal environmental impact? Consider source, sink and spiritual function.



Top Left: White Bay Power Station from Glebe Island. Photo: J. Sillar, Main entrance, Victoria Rd. White Bay. and Turbine Hall Photos: Andy Mitchell

Lower left: Boiler House and Main Control Room. Photos: Andy Mitchell

Source: [https://commons.wikimedia.org/wiki/White\\_Bay\\_Power\\_Station](https://commons.wikimedia.org/wiki/White_Bay_Power_Station)

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## The Task Detail:

### *Outline your vision for The White Bay Power Station – 1500 words*

Create a redevelopment plan for The White Bay Power Station which includes environmental management and change considerations. Include the following:

- Description of the site
- Urban renewal plans – you can use <https://www.sketchup.com/download/> for this
- Innovative design concepts – can be drawn from a site overseas that has undergone urban renewal eg. The High Line in New York City; Yas Island UAE; Delhi Mumbai Industrial Corridor India
- Provide a map of the site with annotations eg <https://thebayssydney.com.au/map-10/>
- Sustainability considerations including Heritage listings
- Biophysical changes including sink function, source function and spiritual function
- Environmental consequences of the change
- Economic Viability
- Social Justice – affordability/accessibility/sustainability

The task is to be presented in geography report format by including and referring to:

- Maps of your chosen sites
- Pictures of innovative design which can be adopted from elsewhere globally
- Diagrams of building and environmental innovations
- Field sketches
- Concept sketches

Your task must include a bibliography. Refer to the site [www.bibme.com](http://www.bibme.com) for assistance with this.

The format of your task will be a Geography Report produced:

- On A4 paper
- And/or
- In digital format eg. Google Docs
- And/or
- As a digital presentation
- And/or
- In the form of a website
- And/or
- On a poster/s
- And/or
- A combination of the above
- And/or
- A format negotiated with your teacher



<https://thebayssydney.nsw.gov.au/resources/wbps-virtual-tour/>

# STAGE 5 ASSESSMENT

## Self Assessment

You have used a number of important geographical skills to develop your task. Use the table below to consider how you performed in the various activities.

Activity	Completed with confidence	Needed assistance to complete	Reasons for needing assistance
Planning the workload and key questions			
Researching information about your issue			
Collecting and recording data (mapping, graphing, etc.) about your issue			
Analysing your information and data			
Comparing global environments			
Preparing and producing the final report			
Referencing your sources			

As you attempted the task what worked well?

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It would have been even better if...

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## Geography Changing Places – Assessment Task

Student Name and Class: \_\_\_\_\_

### MARKING CRITERIA:

Level		Marking criteria
Outstanding	25–30	<ul style="list-style-type: none"> <li>Applies extensive skill, knowledge and understanding to demonstrate a high degree of informed and active citizenship in the understanding of environmental management and change</li> <li>Sophisticated analysis of the impacts of urban development on the natural and human environment</li> <li>Skillfully incorporates appropriate written and graphic forms to communicate geographical information in a sophisticated manner</li> <li>Extensively identifies, gathers, acknowledges and evaluates geographical information</li> </ul>
High	19–24	<ul style="list-style-type: none"> <li>Applies skill, knowledge and understanding to demonstrate a degree of informed and active citizenship in the understanding of environmental management and change</li> <li>Analyses the impacts of urban development on the natural and human environment</li> <li>Incorporates appropriate written and graphic forms to communicate geographical information</li> <li>Clearly identifies, gathers, acknowledges and evaluates geographical information</li> </ul>
Sound	13–18	<ul style="list-style-type: none"> <li>Applies skill and/or knowledge and/or understanding to demonstrate a high degree of informed and active citizenship in the understanding of environmental management and change</li> <li>Attempts to examine the impacts of urban development on the natural and/or human environment</li> <li>Attempts to incorporate appropriate written and graphic forms to communicate geographical information</li> <li>Identifies, gathers, acknowledges and evaluates geographical information</li> </ul>
Basic	7–12	<ul style="list-style-type: none"> <li>Acknowledges informed and active citizenship in some understanding of elements of environmental management and/or change</li> <li>Describes the impacts of urban development on the natural and/or human environment</li> <li>Acknowledges written and graphic forms to communicate geographical information</li> <li>Attempts to identify, gather, evaluate and or acknowledge geographical information.</li> </ul>
Limited	0–6	<ul style="list-style-type: none"> <li>Implies knowledge of informed and active citizenship which may relate to environmental management and/or change</li> <li>Acknowledges urban development can impact the natural or human environment</li> <li>Acknowledges written or graphic forms to communicate geographical information</li> <li>Attempts to identify geographical information.</li> </ul>

Teacher's comment:

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Total: \_\_\_\_\_/30