

## Grangemouth Flood Protection

# Assessment Proforma

**Notes:**

Below are some suggested points to consider when assessing the groups.

We are looking for the groups to both demonstrate an understanding in both their presentations and when questioned.

**Please use your professional judgement and consideration**

**Mark:**

- 1 – not addressed**
- 2 – partially met criteria**
- 3 – met criteria**
- 4 – exceeded criteria**
- 5 – outstanding**

Technical Understanding		Mark
1.	Can verbally explain the type of jobs involved in a flood protection scheme and some of the areas of responsibility in these roles.	
2.	Demonstrates an understanding of why flood protection is important in their area.	
Research and Final Design		
3.	Has shown an understanding and reasoning of the role allocations of this project.	
4.	Can effectively research/explore the different technical options for flood prevention.	
5.	Present, and evidence, their decision-making process, how and why they came to decide on their solution and placement (demonstrating problem solving and working together is important).	
6.	Demonstrate an understanding of how to meet the needs of the local community through their design.	
Presentation Skills		
7.	Flood protection solution and other visuals well-presented and annotated.	
8.	Presentation clear and addressing key criteria.	
9.	Demonstration of group working / contribution.	
10.	Q&A – group’s ability to respond to questions and demonstrate a core understanding of flood protection solutions.	
<b>Overall</b>		



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## Judges Questions

Please select 2-3 of the below questions for each group to answer after explaining their design. Feel free to adapt as appropriate for your learners, their solutions, and presentations.

Please allow 7 minutes for young people to present their solution and a further 3 minutes to answer 2-3 of the questions below.

- Can you tell us why you chose to use \_\_\_\_\_? (e.g. a flood wall/embankment etc)
- Can you provide additional information on \_\_\_\_\_? (e.g. an aspect of your solution)
- Please explain why you chose/chose not to \_\_\_\_\_? (e.g. use a specific flood protection strategy such as a dam)
- How could you adapt your solution if water volumes were higher?
- Why did you choose the location of your solution on the map?
- How did you consider sustainability in your solution?
- How did your group decide to \_\_\_\_\_? (e.g. illustrate your design/divide up the roles/incorporate the landscape in your solution)
- What did you find most interesting about your role on the project?
- Please tell me more about why you chose your role? Has your experience in this role affected your career choices?
- Please explain how you divided the tasks amongst the group?
- How did you make sure everyone fulfilled their role?
- What would you do differently if you took part again?
- Is there any advice you would offer to other groups taking part in a future programme?
- Why did you choose to present your solution using a video/PowerPoint/drawing etc?
- What part of your solution would you choose to change if you had less money to spend?



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