

Introduction

Aim

To identify the key areas that I need to investigate in order to create initial design ideas of a building in a coastal location that is eco-efficient whilst remaining in character with the specified location.

Design Brief

Design a building with a specific purpose that is 'Eco-efficient' and remains in character within its environmental setting. Identify a scenario where this philosophy could be integrated into the design of a building or buildings in a coastal location of your choice.

Produce a suitable scale model of your proposal including details of all eco-efficient aspects of the design together with the financial cost savings over a twenty-year period.

The proposal should be accompanied by a business plan and supporting client visuals.

Personal Information

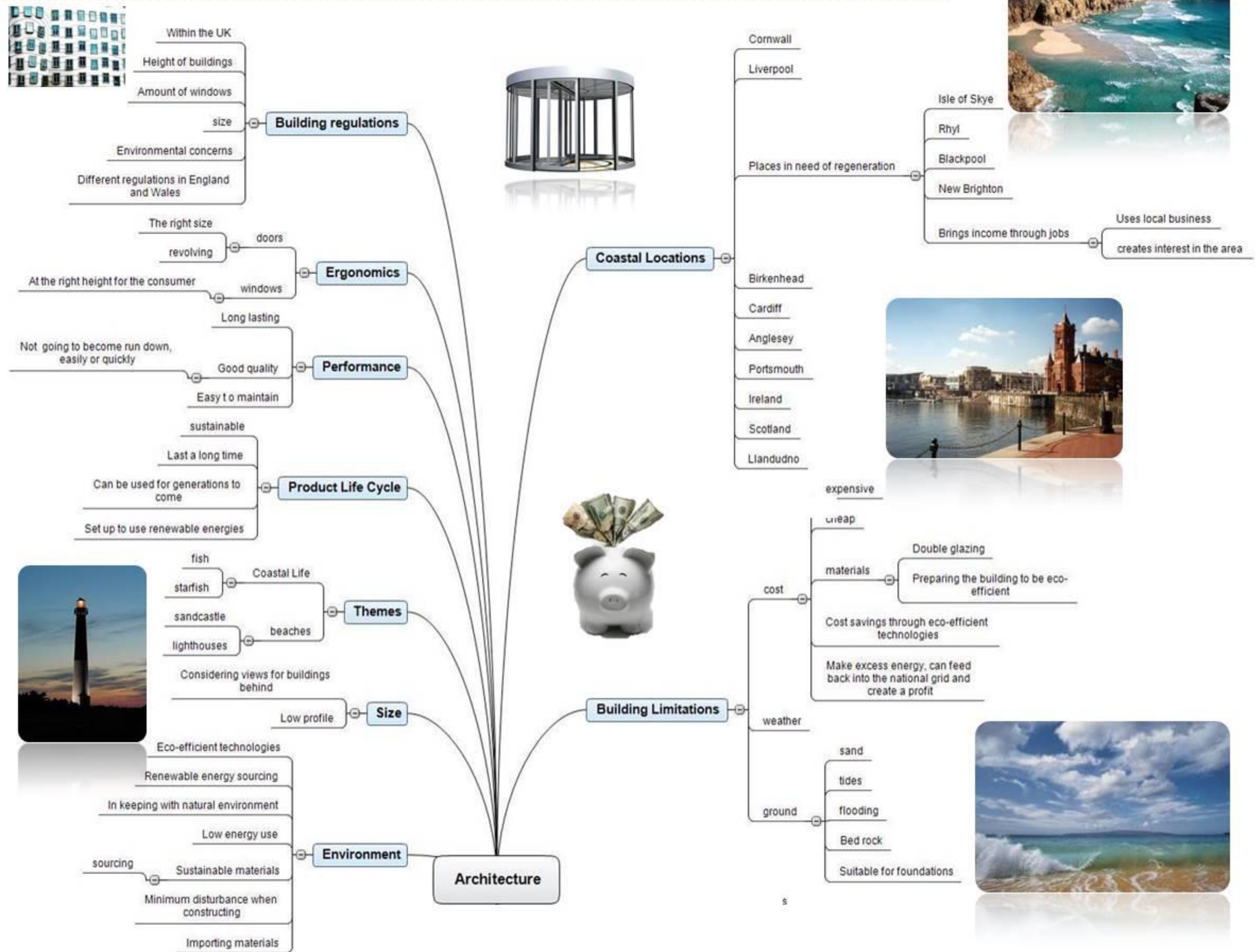
I am studying four subjects at A2 level; Welsh Second Language, Maths, Psychology and Design and Technology. I have a real passion for design and technology and I love to be creative and draw. I have decided to apply for architecture courses at university and therefore I think that this design brief has the perfect opportunity for me to gain experience in architecture and will provide a good insight into the work that I would like to do in the future.

The Design Process

I intend to research the task by considering all elements that would influence the design of a building to create something that meets my given design brief. I will consider existing buildings that make use of eco-efficient technologies and I will complete a sketchbook of work including initial ideas, concepts and design developments. I will make prototypes and consider materials so that I can develop my design further. I will also consider the location of the building and other buildings in the surrounding area.

Initial Ideas

I am thinking about designing a building that would help to regenerate an area. I think that there are a lot of coastal towns for which tourism is declining. I will look at towns along the Welsh coast consider those which are in need of a boost of tourism. I will then visit the location that I choose and interview the residents on things that they would like to see in the area to help me develop a suitable building purpose.



Who?

- ...will use the building?
- ...will be effected by the building? –for example, will the building take away sea views?
- ...will benefit from the building?
-will commission the building?

What?

- ... will the function of the building be?
- ...eco-efficient technologies will it use?
- ...will the influence be?
- ...materials will it be made from?
- ...will it bring to the area?

How?

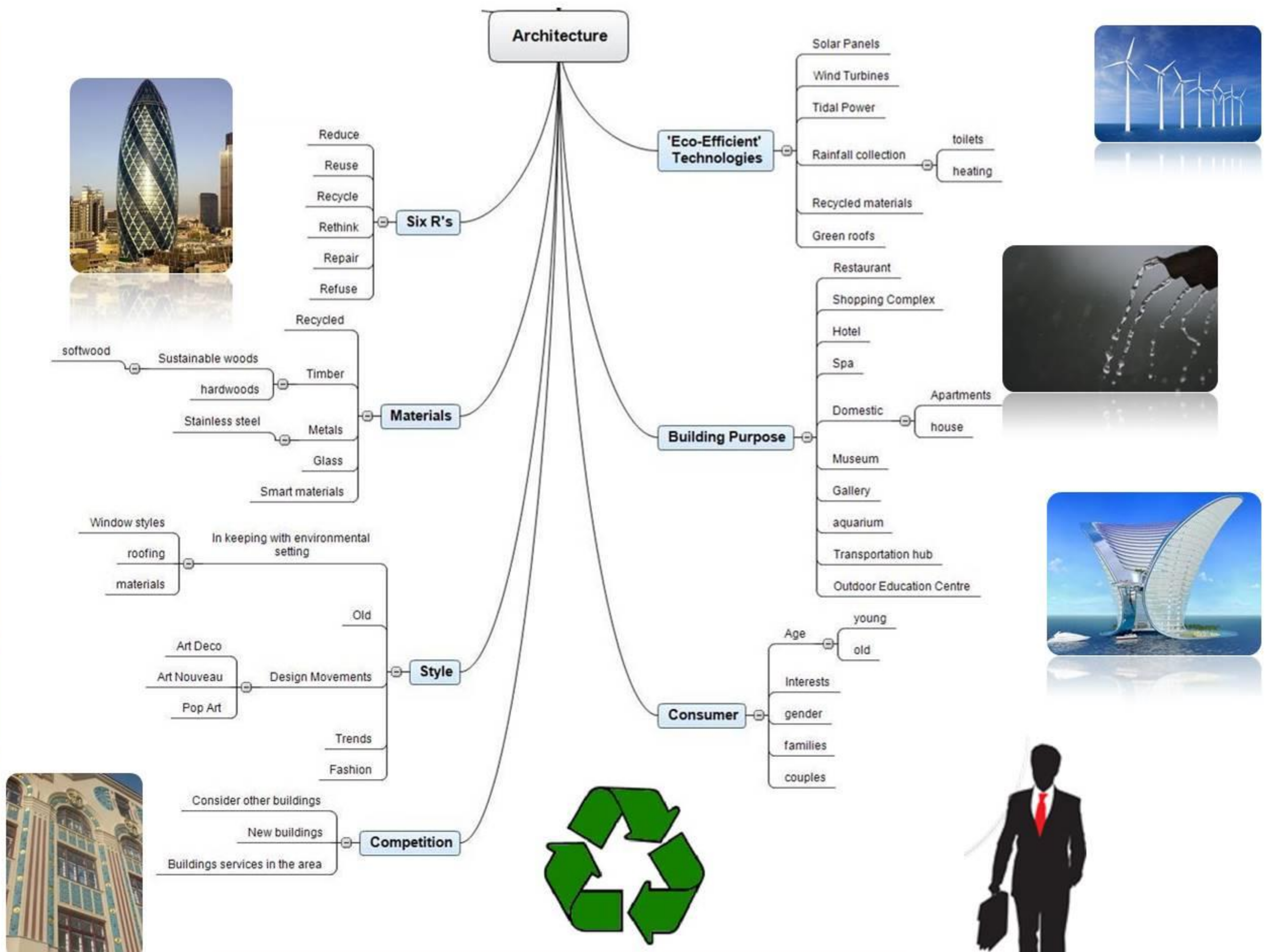
- ...will it benefit the community?
- ...will it remain in character within its environmental setting?
- ...will it maintain sea views?
- ...will it be innovative?

Why?

- ...will people use it?
- ...will it attract people to the area?

Where?

- ...will it be built?
- ...will I get information?



Conclusion

I have mind mapped my initial thoughts of what I think that main points of designing this building are. I will now consider a few main areas that I think are relevant and develop my ideas further to narrow down the task and focus on areas of the most importance.