



3055 BA SANGAM COLLEGE

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Meeting needs:

Designing is about meeting needs. These needs might include:

- Something you need.
- Something your brother or mother needs.
- The needs in the school.
- Needs of pets.
- The needs in the religious worship area.
- Etc.

EXAMPLE OF NEEDS AT HOME



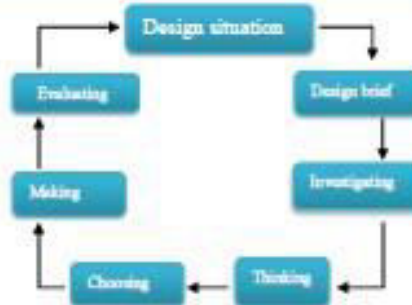
Fish scale remover and dust pan.

The Process of Design

The whole point of learning to 'design' is to learn how to work your way through a project to get the best possible solution. The first idea might not be the best idea.

Throughout the course you will be given projects /tasks and shown how to work through each using the process called design process.

Steps in a design process:



Problem Statement

Problem Statement gives the reason for designing. The problem (situation) will only occur when there is a need or opportunity to design.



Design Brief

A brief statement of what to design.



QUESTION 1**DESIGN****(10 marks)****Problem :**

In some homes, it is a common sight to see that tooth brushes are not properly stored.

Brief :

Design a **tooth brush rack** that will store tooth brushes properly and neatly.

Specifications :

The following factors are to be taken into consideration when designing the **tooth brush rack**.

- It must be strong.
- It must be secure and easy to construct.
- It should have provisions for storage of 4 tooth brushes.
- The materials to be used should be readily available and made from a combination of metal and timber.

Requirement

- (i) In the space provided below, sketch a pictorial pencil or colour rendered two possible solution of the **tooth brush rack**.

Possible Solution 1

CQ1			
1	Correct proportion	1	
2	Rendering shown	1	
3	Labels shown	1	

(3 marks)