



3055 BA SANGAM COLLEGE

PH: 6674003/9264117 E-mail: basangam@connect.com.fj



WORKSHEET NO: 17

Subject: basic Technology		Year/Level: 9
Topic: Design		Date : 12/09/2021

LESSON NOTES:

What is Design?

Design is about creating something to meet a need. This usually means that designers have to plan what they are going to do, consider the needs of their client and work within the constraints of time, money and safety. They also need to consider the social, cultural, ethical and environment issues that their designs might have.

Sometimes design is the invention of something new but sometimes it involves changing something that already exists to be different or better.



Meeting Needs:

Example: Needs at Home

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.



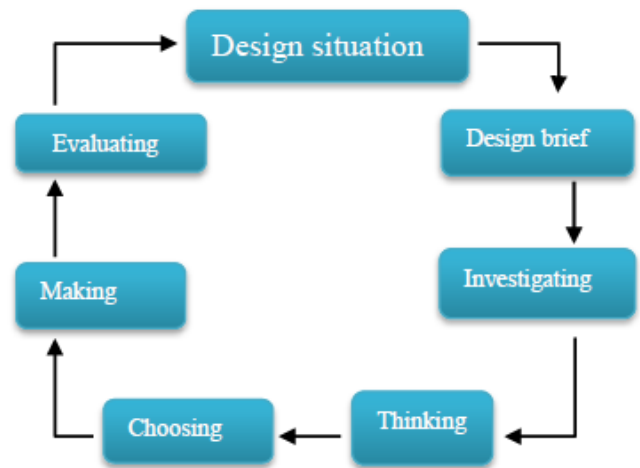
Fish scale remover and dust pan.

Process in 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:



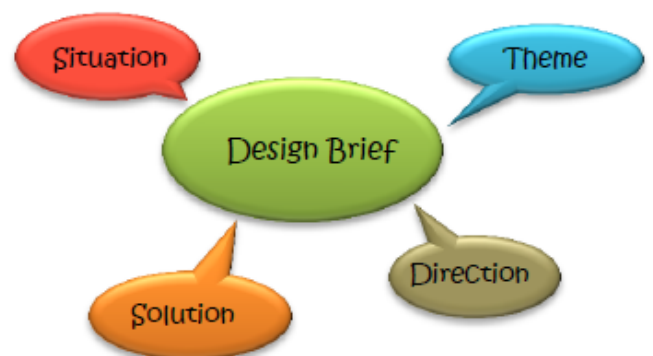
Problem statement:

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.



STUDENTS ACTIVITY:

1. Define the term Design.

2. List down the 7 steps in design process.

Reference:

Year 9 Basic Technology Textbook, Year 9 Basic Technology Workbook, MEHA.