

Growth of Concepts into Initial Ideas

Concepts

- What if mind maps
- Thinking Outside the Box Mind Maps
- Driven from Research (Theme, Consumer profile, Existing Products)

Initial Ideas

- Sketches
- Quick CAD
- Sketch Models



Growth of Initial Ideas into Detailed Ideas

Initial Ideas

- Sketches
- Quick CAD
- Sketch Models

Detailed Ideas

- Detailed CAD models
- Detailed Prototypes made from card or appropriate materials to test the validity, function, manufacture of ideas.



Growth of Detailed Ideas into Fully Developed Final Solution

Detailed Ideas

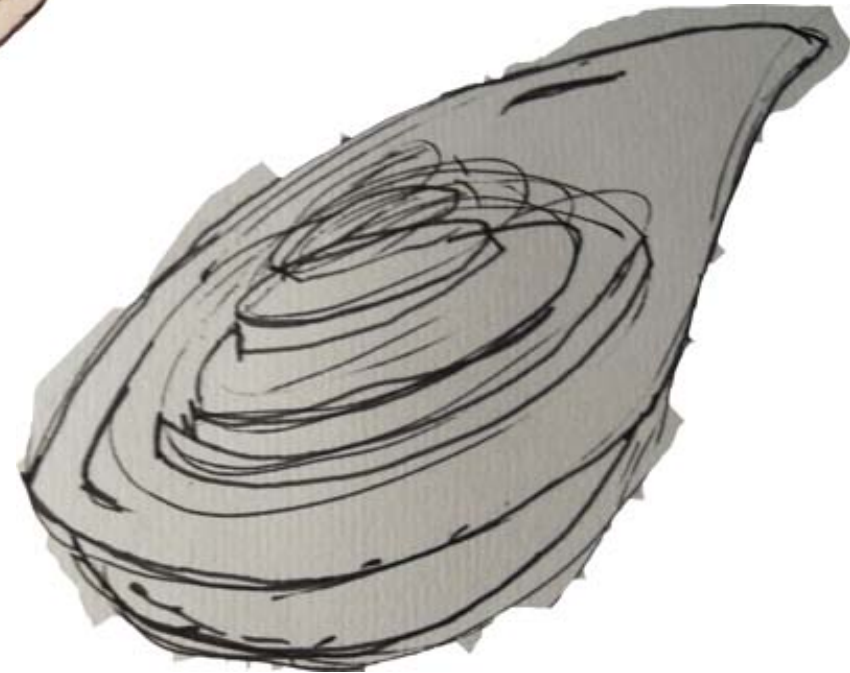
- Detailed CAD models
- Detailed Prototypes made from card or appropriate materials to test the validity, function, manufacture of ideas.

Fully Developed Final Solution

- Exact scale drawings and or CAD models
- 2D drawing (plan, side, front) Orthographic
- Cutting Plans



- Keep the drawings simple.
- Make the drawings large.
- Only use colour when ...
- Use notes that ...
- ◆ ask questions
- ◆ describe things
- ◆ suggest materials
- ◆ given reasons.



NO idea is a BAD idea

If you draw an idea and you don't think that it is a good idea then you should still present it in your paper work regardless. **Why?**

-It shows development of ideas = Higher Marks

-Elements/Parts of that "Bad" idea may spark inspiration for another idea.

-How can I improve that idea.

Initial Ideas - Communication

If you were an Architect, which Sketch would you use to present your idea of the Sydney Opera House to a panel of Judges?

Jorn Utzon

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There is a lot of VALUE in every Sketch, GOOD or BAD. Sketches are simple and communicate an idea.

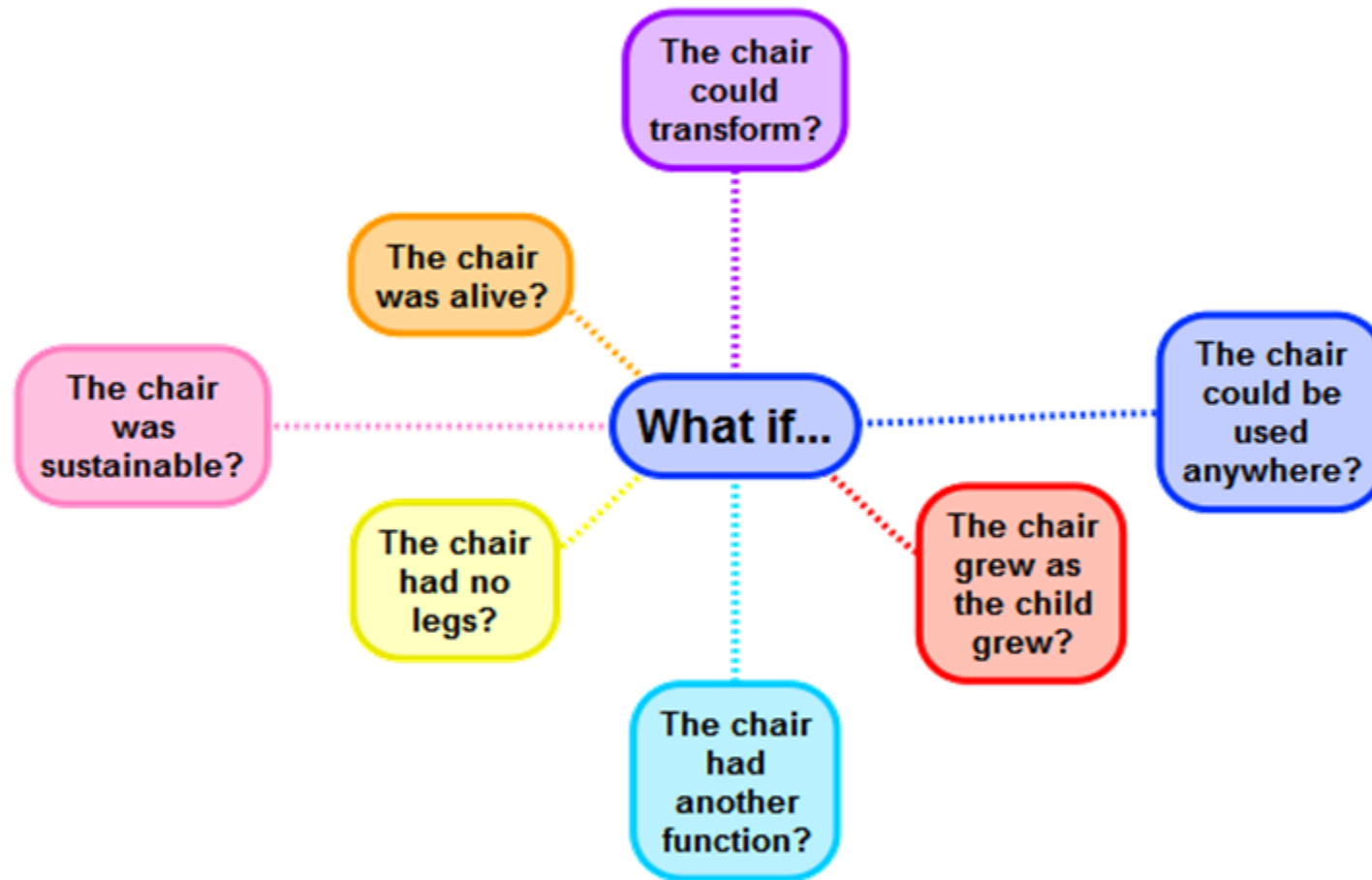
Initial Concepts and ideas

The task: Design a chair for children aged 4-6

What if...

Initial Concepts and ideas

The task: Design a chair for children aged 4-6



Initial Concepts and ideas

The task: Design a chair for children aged 4-6

