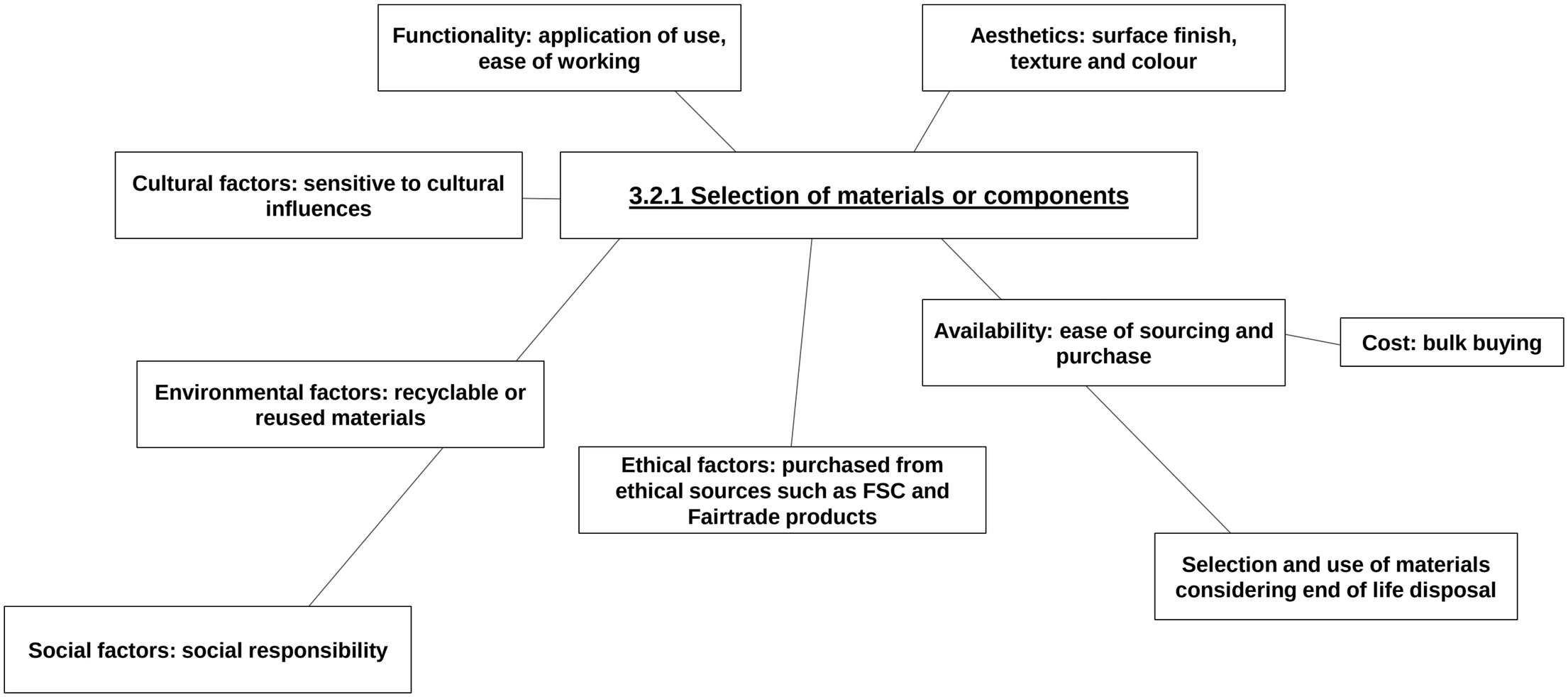
1



KEY TERMS

Functionality

Aesthetics

Availability

Cost

Environmental / Social / Cultural / Ethical factors

Selection and use of materials

End of life disposal

Design for Maintenance

Obsolescence

Planned Obsolescence

6R's

Sustainable

'Footprint'

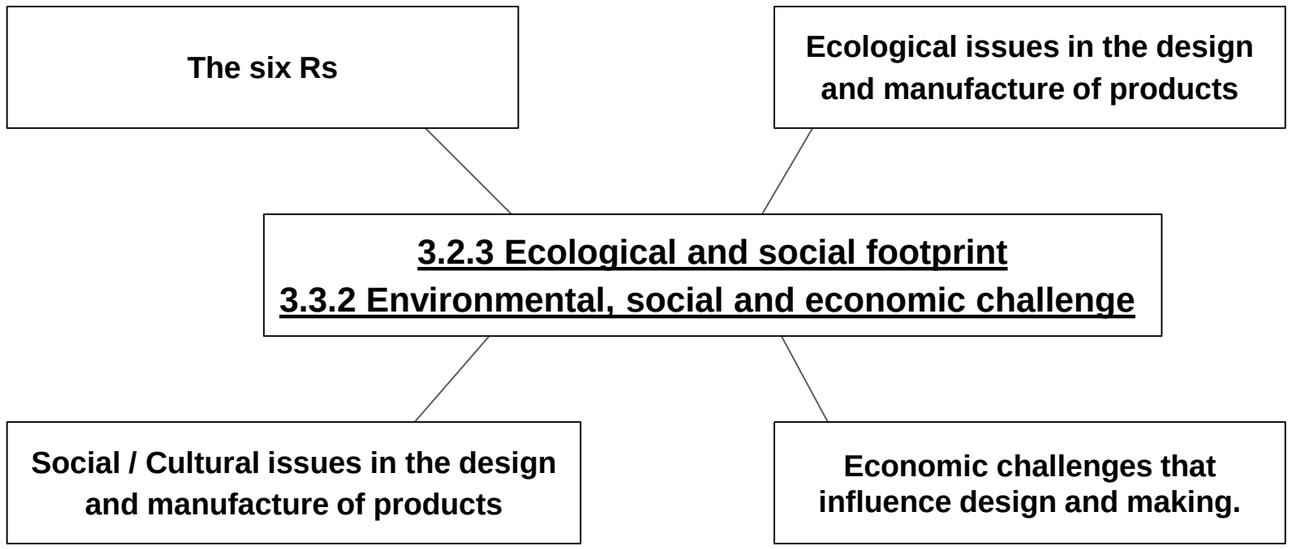
Carbon

Deforestation

Forest Stewardship Council [FCS]

Fair Trade

Impact



KEY TERMS

Recycle

Rethink

Refuse

Reduce

Repair

Re-use

Sustainable

Ecological

Social

'Footprint'

Carbon

Deforestation

Mining

Drilling

Forest Stewardship Council [FCS]

Fair Trade

Pollution

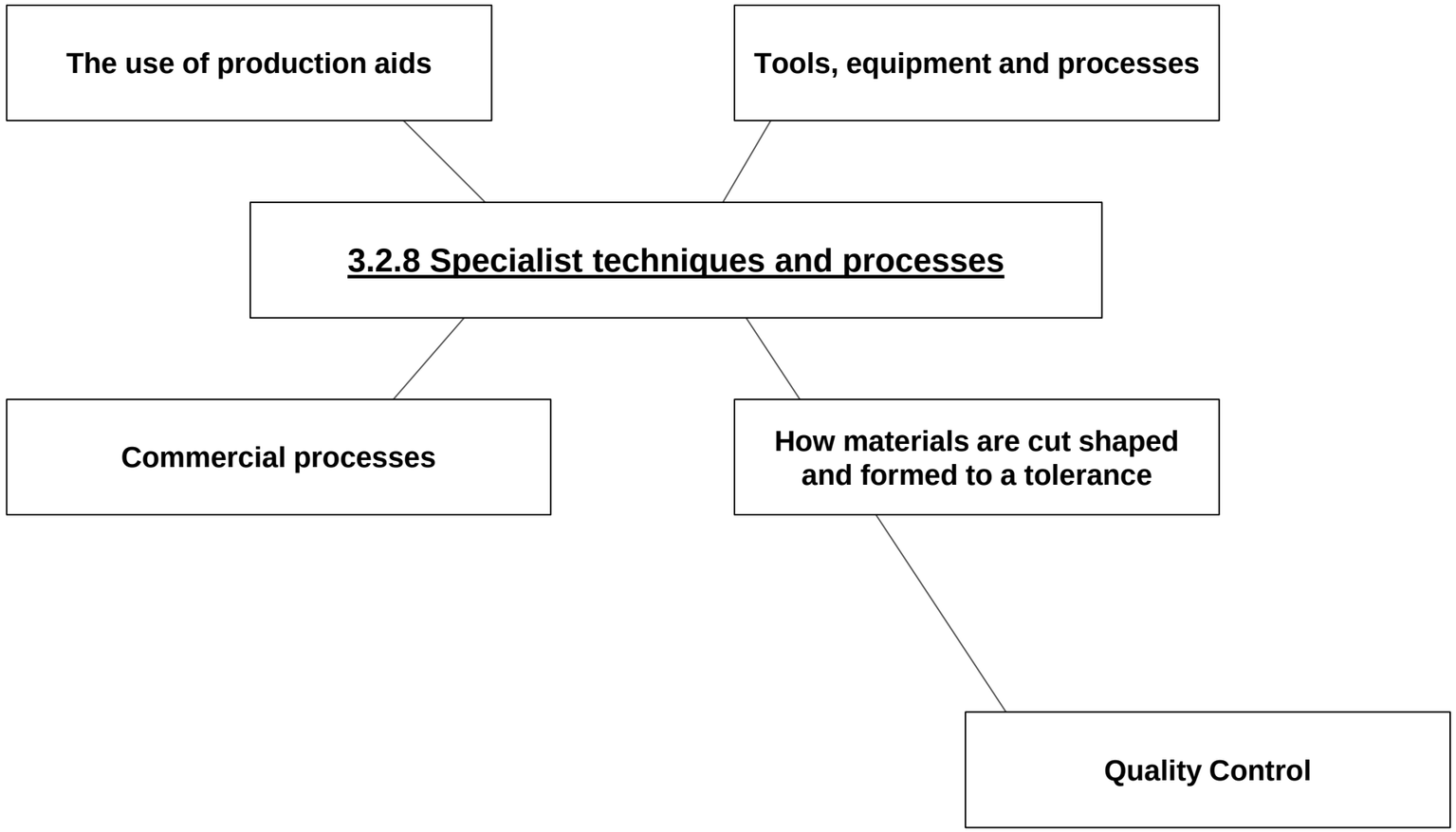
Oceanic

Atmospheric

C2O

Ozone layer

Impact



KEY TERMS

Tolerance

Jig / Template

Pattern

Quality Control

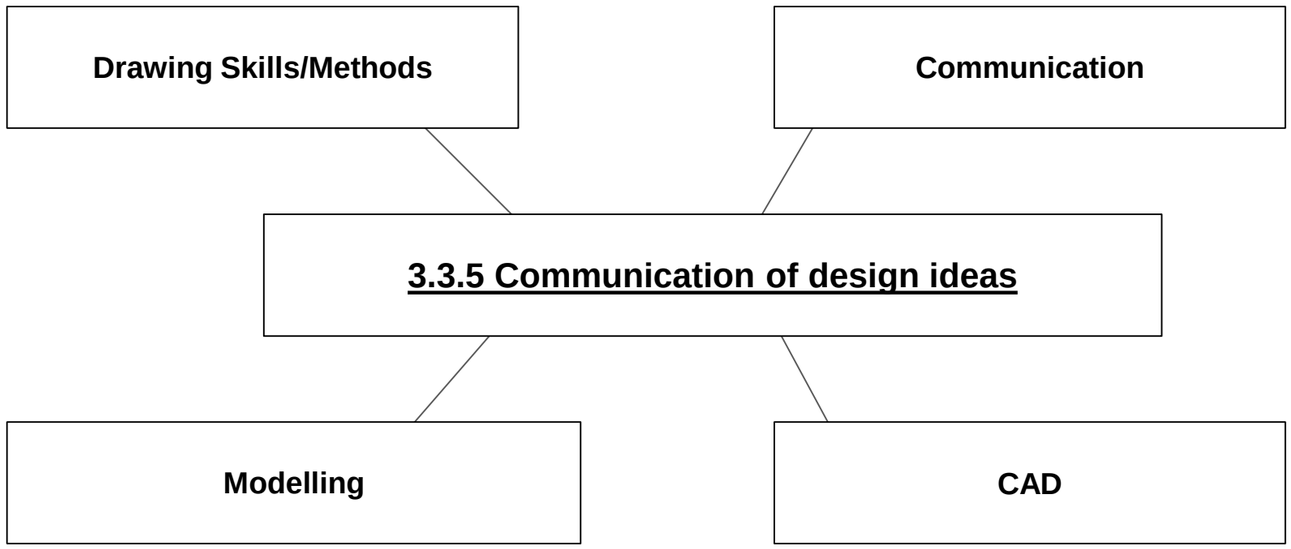
Tools

Wastage:
Die Cutting / Laser Cutting
Perforation
Turning
Sawing
Milling
Drilling
Cutting
Shearing
Weeding
[Stencils]

Addition:
Lamination
Soldering
3d Printing
Sublimation Printing
Rotary Printing
Screen Printing
Stencil
CAM Embroidery
Batik
Sewing
Bonding

Deforming & Reforming:
Vacuum Forming
Bending
Folding
Blow Moulding
Casting
Injection Moulding
Extrusion
Creasing
Pressing
Drape forming

Commercial Processes
Routing
Turning
Weaving
Dyeing
Printing



KEY TERMS

Develop

Communicate

Record

Justify

Design Ideas

Freehand sketch

Isometric

2 pt Perspective

1 Pt Perspective

Schematic

Diagram

Annotation

3rd Angle Projection

Exploded Diagrams

Working Drawing

Construction

Audio

Visual

Interviews

User

Mathematical modelling

Computer based tools

2D Design

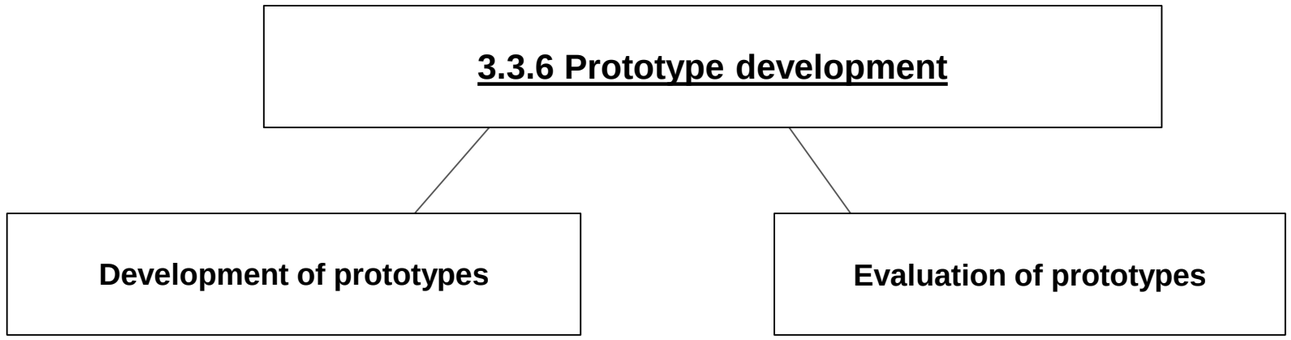
ProPainter

Cut Studio

Google SketchUp

3D Modelling

Toile / Card



KEY TERMS

Client Needs

Prototype

Toile

Model

System

Innovation

Satisfy Brief

Specification

Aesthetics

Marketable

Feedback

Client Opinion

3rd Party Feedback

Modifications

Improve

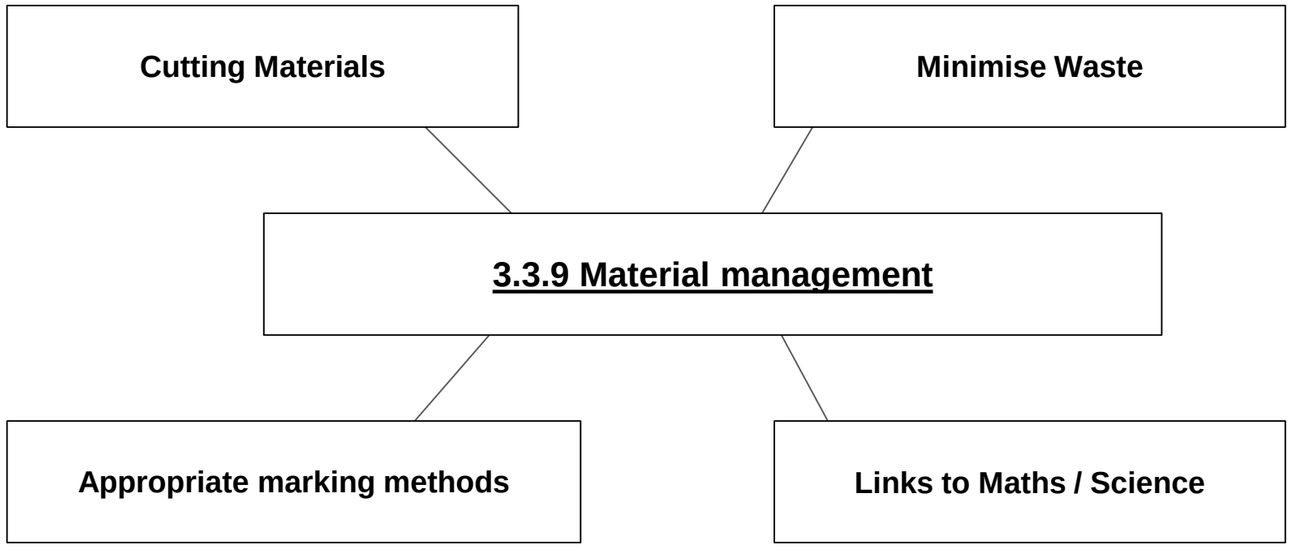
Inception

Manufacture

Data

Tables

Findings



KEY TERMS

Planning

Cutting

Shaping

Nesting shapes

Tessellation

Stock Forms

Seam Allowance

Cut in waste

Joint Overlap

Decimal measure

Centimetre

Millimetre

Metre

Surface Area

Calculate

Angular measures

Metre units

Components

Data points

Co-ordinates

Marking Out

Quality Control

Reference points

Templates

Jigs

Paper Patterns

Percentages

Area

Multiply

Divide