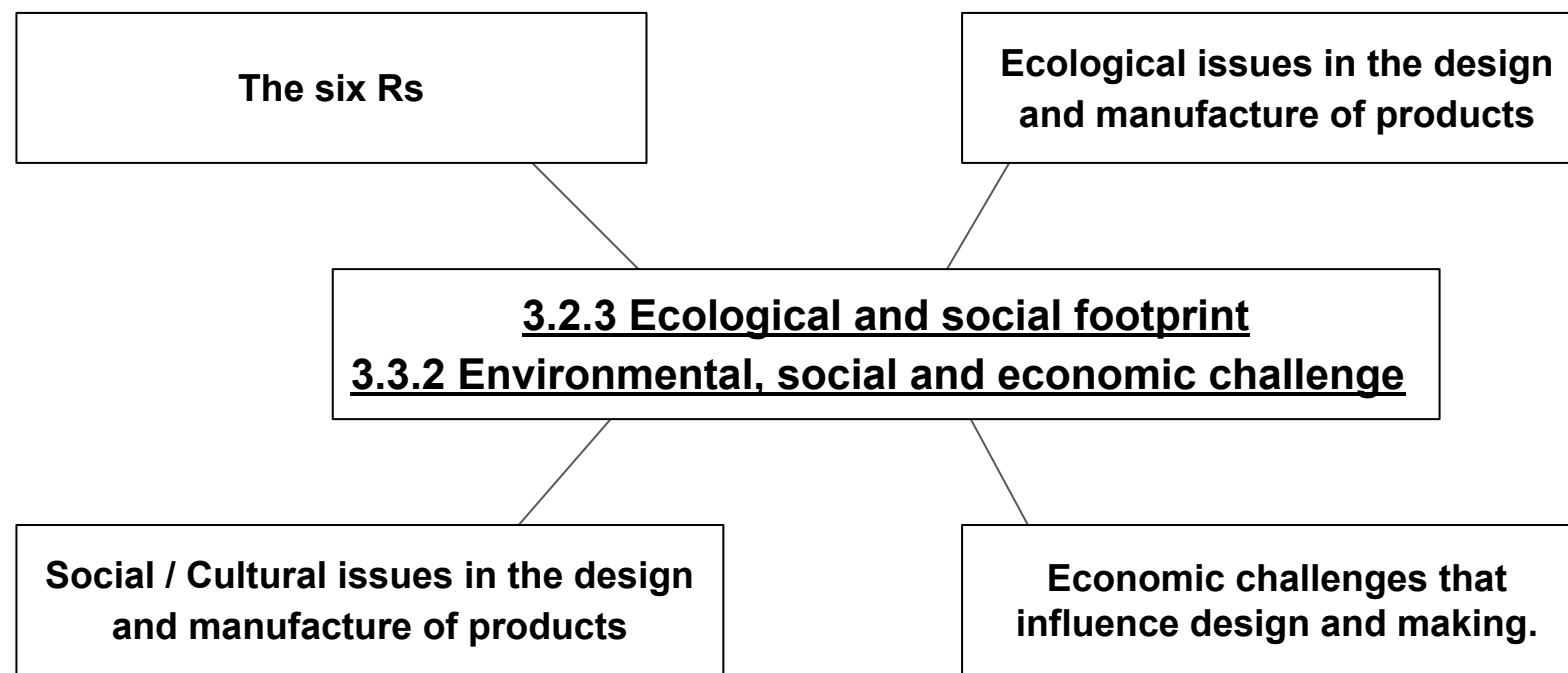


KEY TERMS

MEANINGS

- 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****MEANINGS**

Recycle

Rethink

Refuse

Reduce

Repair

Re-use

Sustainable

Ecological

Social

'Footprint'

Carbon

Deforestation

Mining

Drilling

Forest Stewardship
Council [FCS]

Fair Trade

Pollution

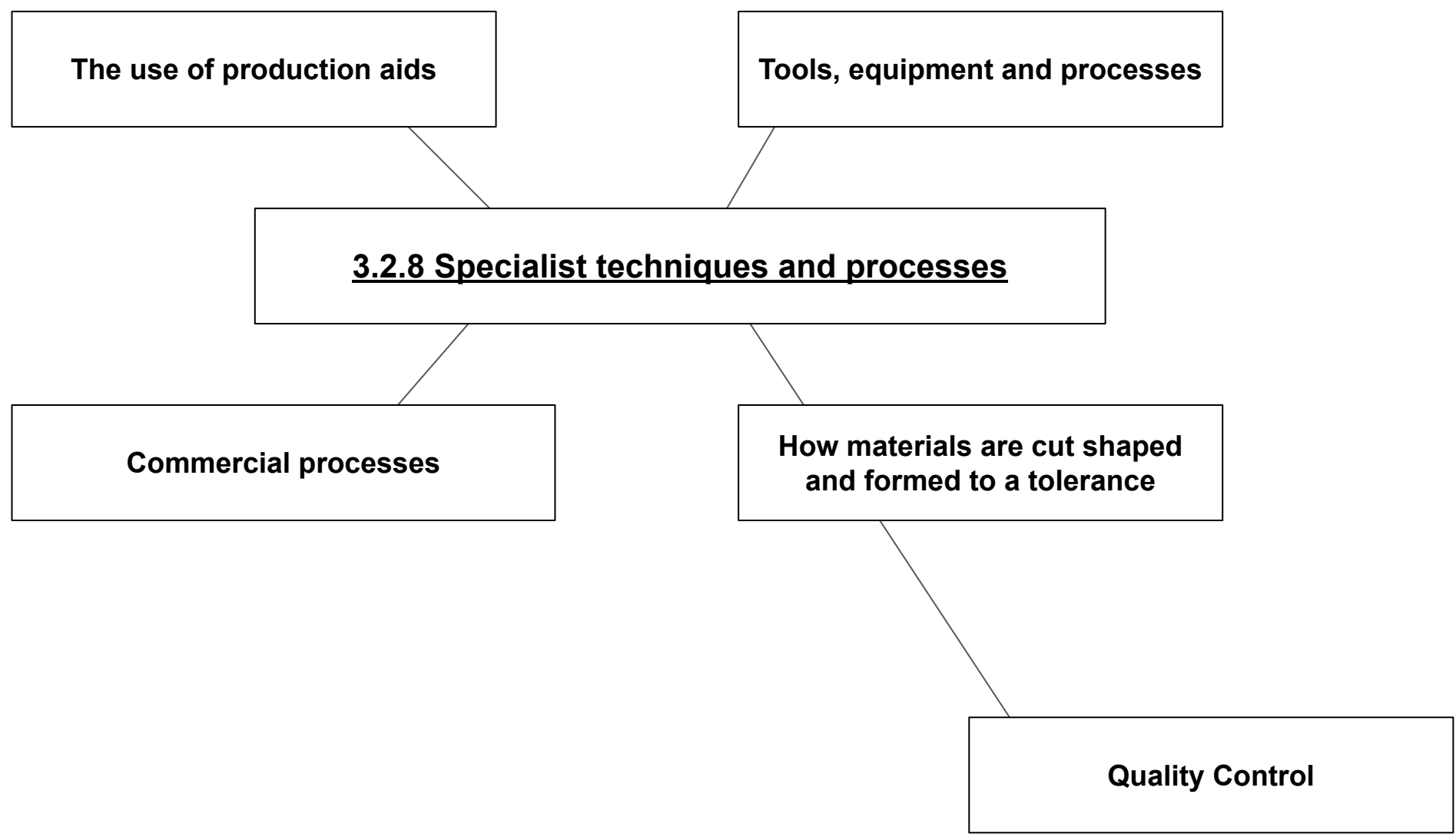
Oceanic

Atmospheric

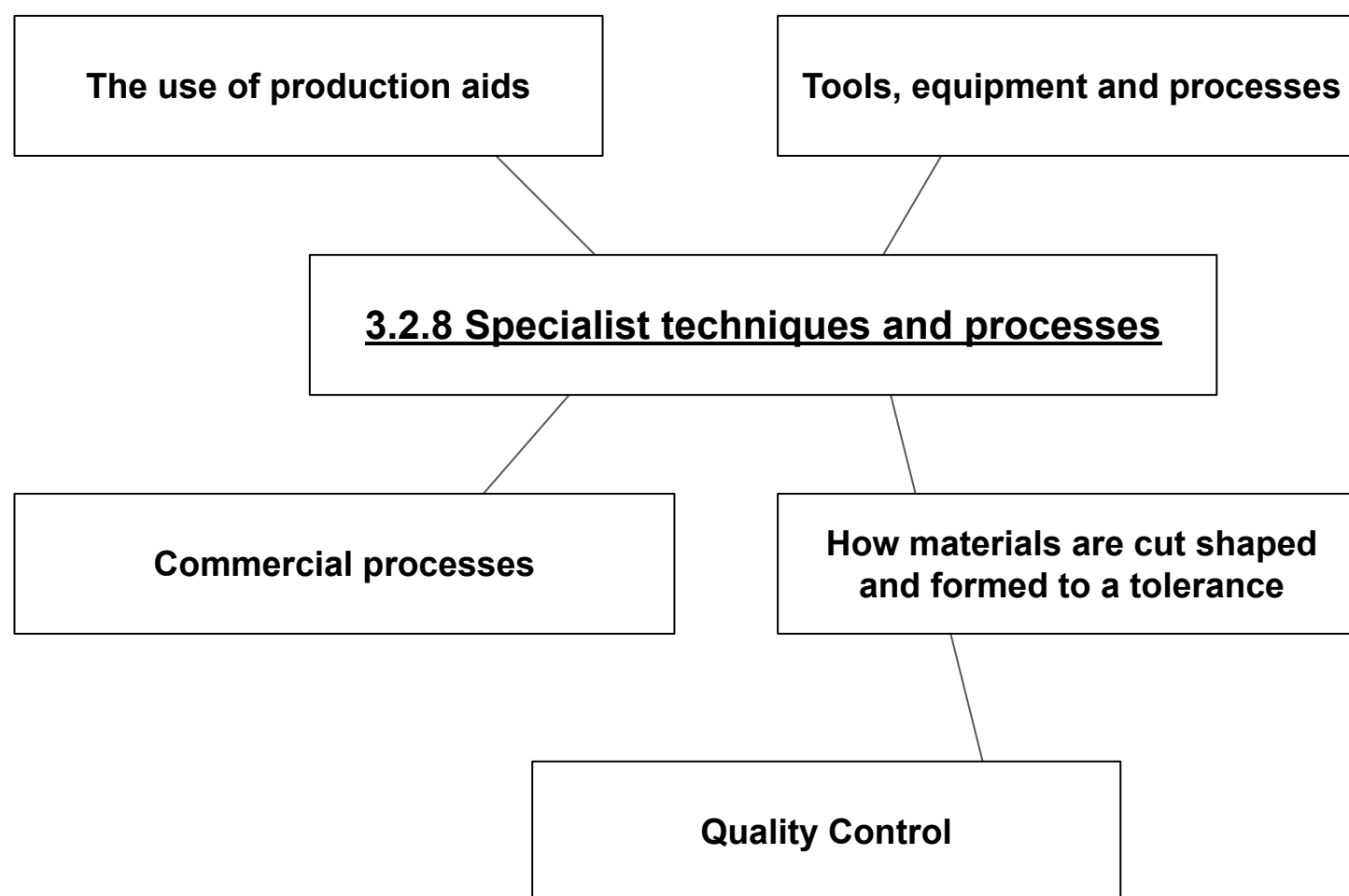
C2O

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



TEXTILES

Wastage:
Die Cutting / Laser Cutting
Sawing
Cutting
Shearing
Weeding [Stencils]

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

Deforming & Reforming:
Folding
Creasing
Pressing
Drape forming

Commercial Processes
Weaving
Dyeing
Printing

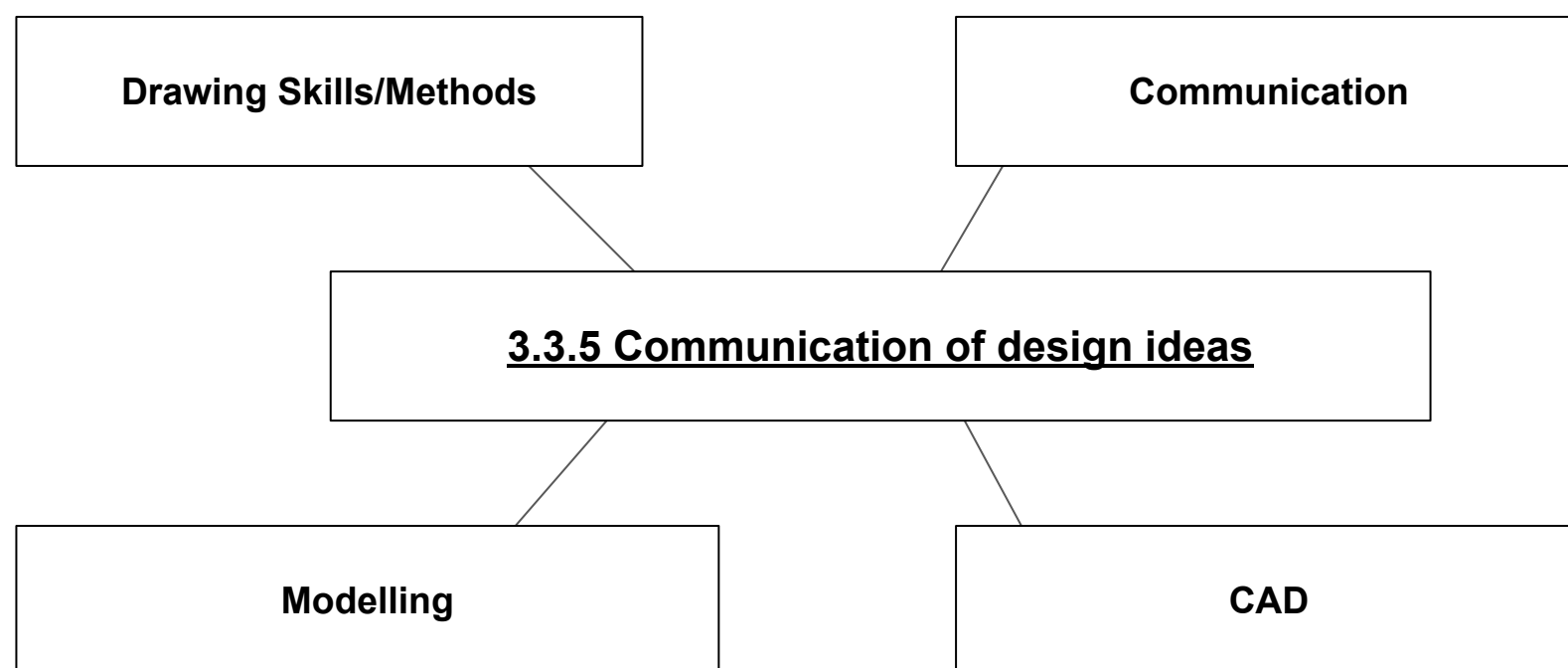
TIMBER

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

Addition:
Lamination
Soldering
3d Printing
Stencil
Bonding

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

Commercial Processes
Routing
Turning

**KEY TERMS****MEANINGS**

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

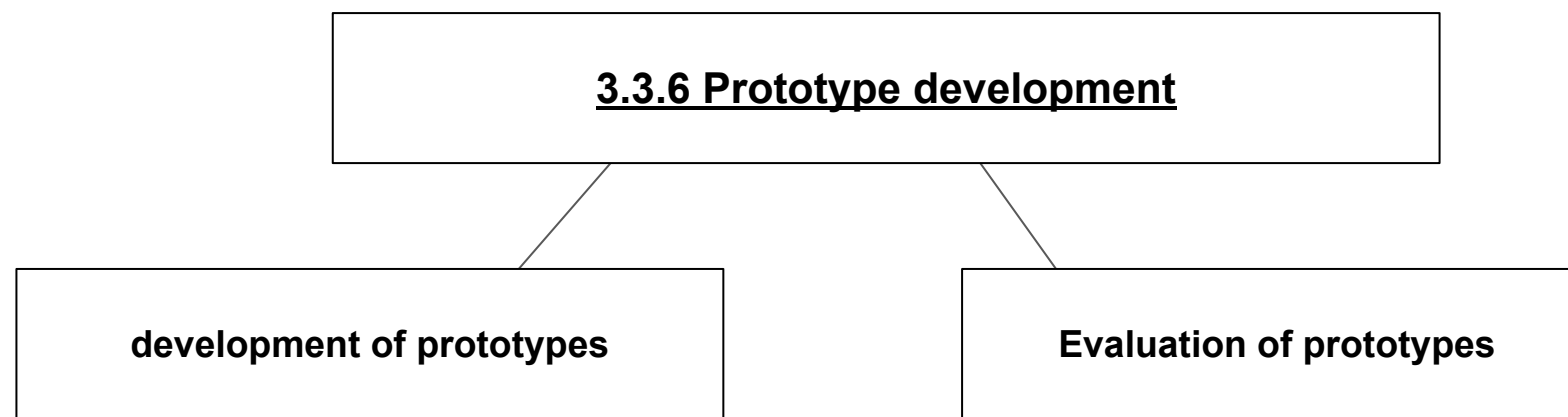
ProPainter

Cut Studio

Google SketchUp

3D Modelling

Toile / Card

**KEY TERMS****MEANINGS**

Client Needs

Prototype

Toile

Model

System

Innovation

Satisfy Brief

Specification

Aesthetics

Marketable

Feedback

Client Opinion

3rd Party Feedback

Modifications

Improve

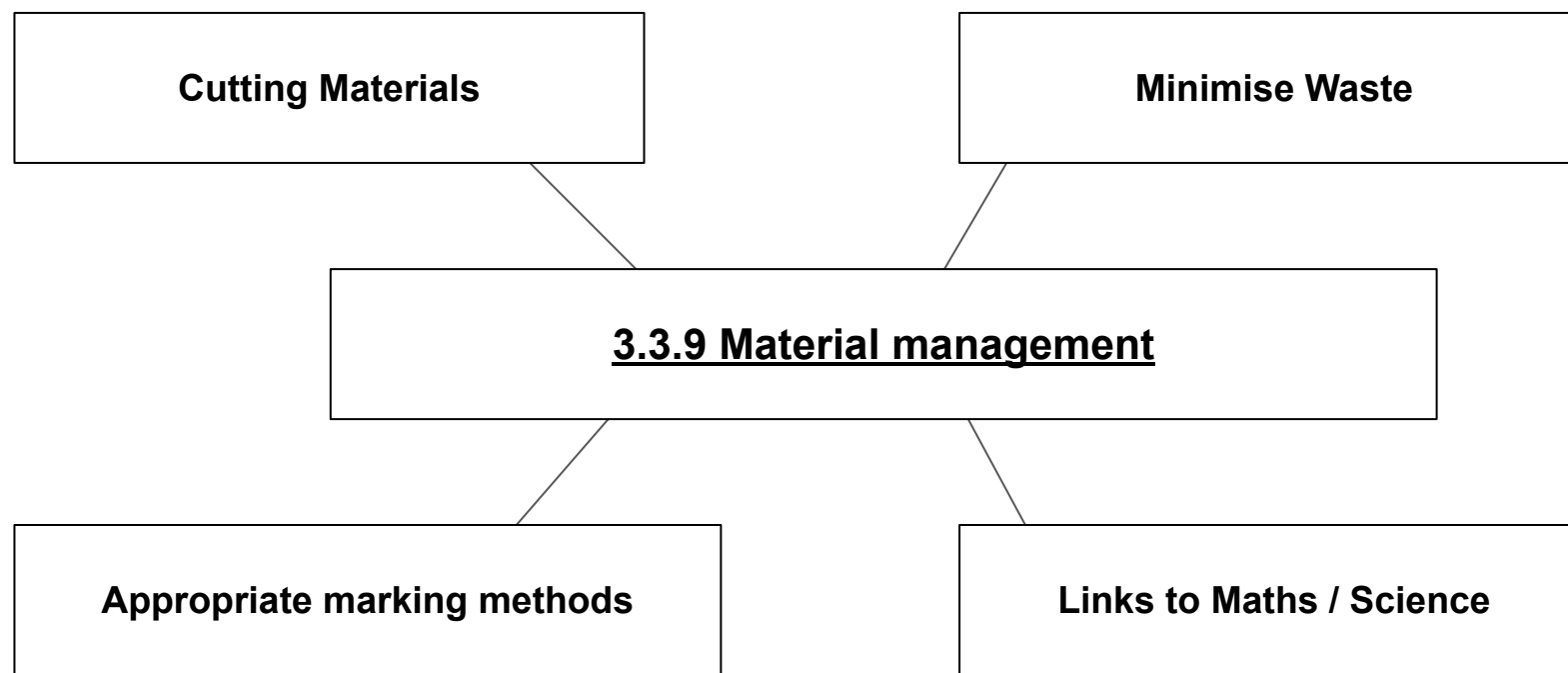
Inception

Manufacture

Data

Tables

Findings

**KEY TERMS****MEANINGS**

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