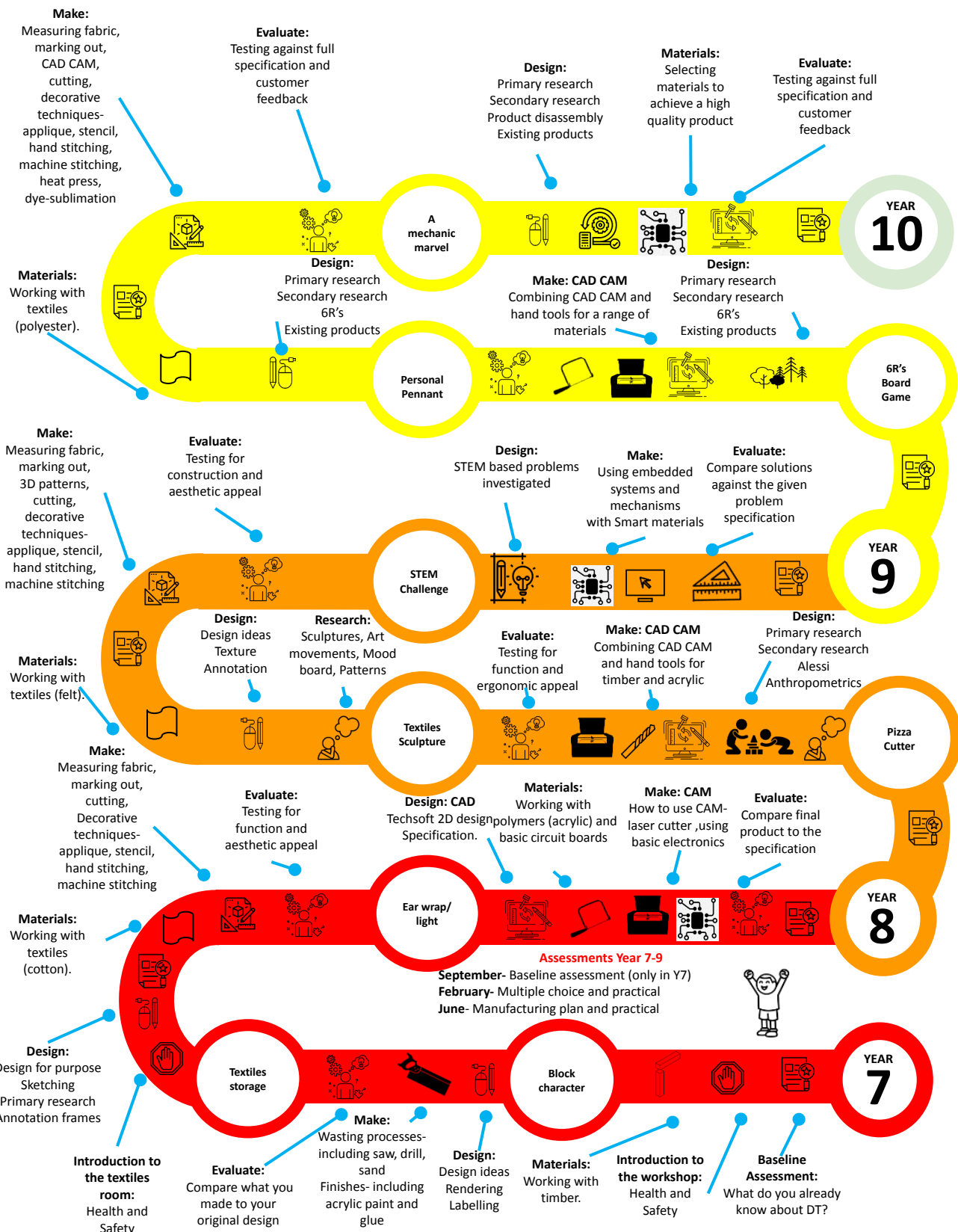


# Key Stage 3

# DESIGN TECHNOLOGY



# Key Stage 4

# DESIGN TECHNOLOGY



POST  
16

Exam board Task B

Assessment in Year 11

Autumn- Exam board given task A completed  
Spring- Exam board given task B completed  
Summer- Exam paper (1 hour 15 minutes)



Exam board Task A

Design:

Isometric  
Sectional views  
3D CAD assemblies

Time management:  
Mock project sections in  
timed conditions

Exam revision strategies:  
Question styles  
Top tips  
Expanded questions

Make:

Using an orthographic drawing to  
manufacture an articulated lamp to the  
given dimensions and tolerances.  
3D printing

Materials:

Working with timber  
to model accurate  
mechanical structures.

Year 11  
strategies

YEAR  
11

Assessment in Year 10

Autumn- Practical application and use of CAD  
Spring- Design questions from past papers  
Summer- Past paper



Lighting

Precise  
Pets

YEAR  
10

Design:

Design for purpose  
Sketching  
Primary research  
Orthographic drawing  
3D CAD introduction

Make:

Engineering  
processes-  
including shaping  
and finishing in  
aluminium and  
acrylic

Design:

Research into  
"creatures" to  
inspire  
CAD- 2D Design  
advanced  
features)

Materials:

Working with card and  
paper to model  
accurately.  
Aluminium and acrylic  
for final products

Introduction to  
the exam  
board:  
Electronic  
product  
disassembly

Baseline  
Assessment:  
What do you already  
know about  
Engineering?

Cambridge National  
in  
Engineering Design  
or  
Engineering Manufacture