

# Key Stage 4 Learning Journey

# Design & Technology

NAME:

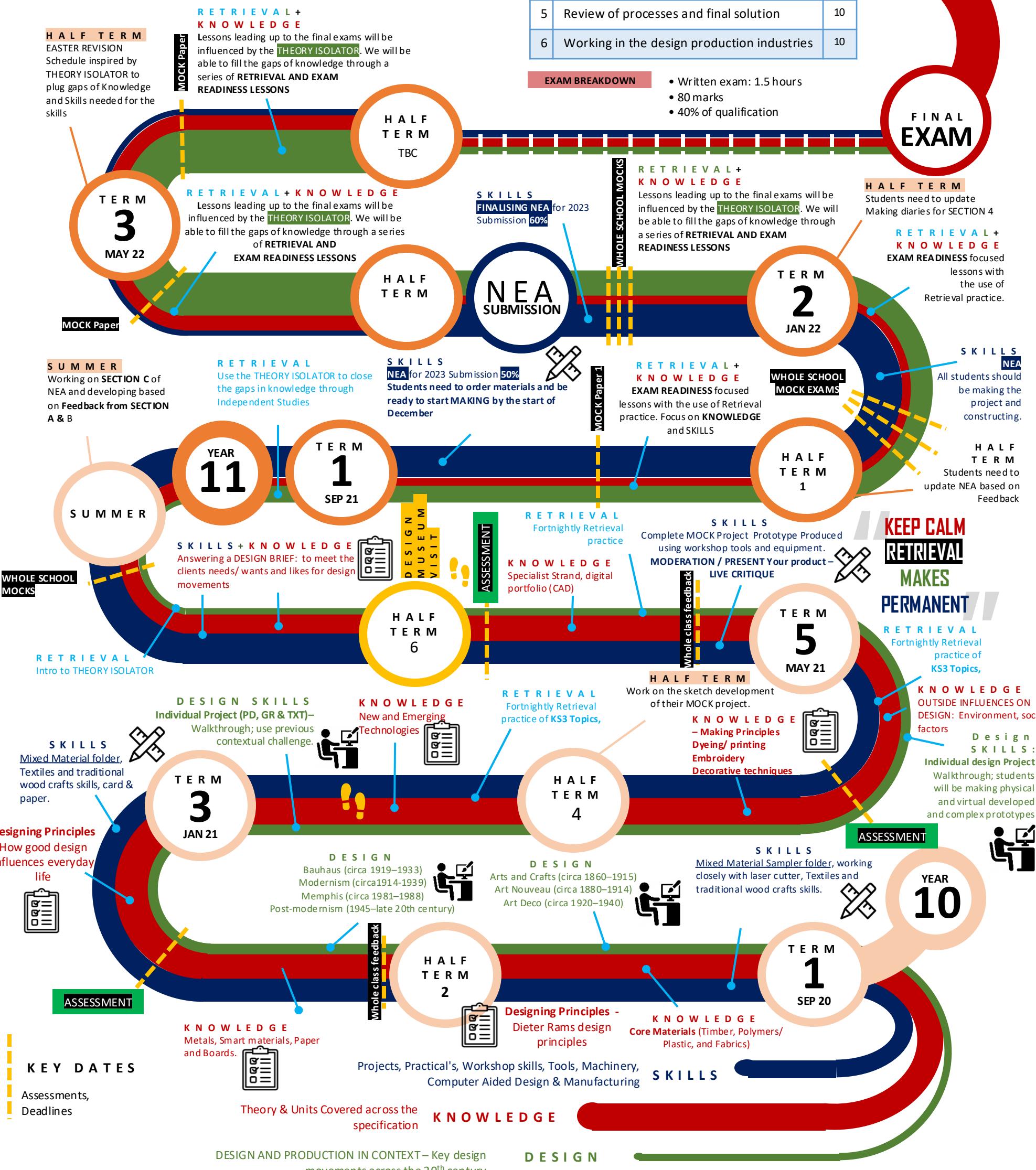
FORM:

12.5% NEA	12.5% NEA	12.5% NEA	33.3% NEA	29.2% NEA
40 /45% EXAM	35/40% EXAM	20/25% EXAM		
<b>AO1:</b> Recall knowledge and show understanding	<b>AO2:</b> Apply knowledge and understanding	<b>AO3:</b> Analyse and evaluate knowledge and understanding	<b>AO4:</b> Demonstrate the application of relevant technical skills, techniques and processes	<b>AO5:</b> Analyse and evaluate the demonstration of relevant technical skills, techniques and processes

NEA BREAKDOWN		
1	Design and production in context	20
2	Design materials and processes	30
3	Design brief and production processes	40
4	Presentation of a design solution	10
5	Review of processes and final solution	10
6	Working in the design production industries	10

**EXAM BREAKDOWN**

- Written exam: 1.5 hours
- 80 marks
- 40% of qualification



**SUMMER**  
Working on SECTION C of NEA and developing based on Feedback from SECTION A & B

**WHOLE SCHOOL MOCKS**

**RETRIEVAL**  
Intro to THEORY ISOLATOR

**SKILLS**  
Mixed Material folder, Textiles and traditional wood crafts skills, card & paper.

**Designing Principles**  
How good design influences everyday life

**ASSESSMENT**

**KEY DATES**

Assessments, Deadlines

**RETRIEVAL + KNOWLEDGE**  
Lessons leading up to the final exams will be influenced by the THEORY ISOLATOR. We will be able to fill the gaps of knowledge through a series of RETRIEVAL AND EXAM READINESS LESSONS

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**RETRIEVAL**  
Use the THEORY ISOLATOR to close the gaps in knowledge through Independent Studies

**SKILLS + KNOWLEDGE**  
Answering a DESIGN BRIEF: to meet the clients needs/ wants and likes for design movements

**DESIGN SKILLS**  
Individual Project (PD, GR & TXT) – Walkthrough; use previous contextual challenge.

**DESIGN**  
Bauhaus (circa 1919–1933), Modernism (circa 1914-1939), Memphis (circa 1981–1988), Post-modernism (1945–late 20th century)

**KNOWLEDGE**  
Metals, Smart materials, Paper and Boards.

**KNOWLEDGE**  
Theory & Units Covered across the specification

**SKILLS**  
FINALISING NEA for 2023 Submission 60%

**SKILLS**  
NEA for 2023 Submission 50%  
Students need to order materials and be ready to start MAKING by the start of December

**KNOWLEDGE**  
Specialist Strand, digital portfolio (CAD)

**RETRIEVAL**  
Fortnightly Retrieval practice of KS3 Topics,

**DESIGN**  
Arts and Crafts (circa 1860–1915), Art Nouveau (circa 1880–1914), Art Deco (circa 1920–1940)

**KNOWLEDGE**  
Dieter Rams design principles

**KNOWLEDGE**

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**RETRIEVAL + KNOWLEDGE**  
EXAM READINESS focused lessons with the use of Retrieval practice. Focus on KNOWLEDGE and SKILLS

**SKILLS**  
Complete MOCK Project Prototype Produced using workshop tools and equipment. MODERATION / PRESENT Your product – LIVE CRITIQUE

**KNOWLEDGE**  
– Making Principles, Dyeing/ printing, Embroidery, Decorative techniques

**SKILLS**  
Mixed Material Sampler folder, working closely with laser cutter, Textiles and traditional wood crafts skills.

**KNOWLEDGE**  
Core Materials (Timber, Polymers/ Plastic, and Fabrics)

**SKILLS**

**HALF TERM**  
Students need to update Making diaries for SECTION 4

**RETRIEVAL + KNOWLEDGE**  
EXAM READINESS focused lessons with the use of Retrieval practice.

**SKILLS**  
All students should be making the project and constructing.

**HALF TERM**  
Students need to update NEA based on Feedback

**KEEP CALM RETRIEVAL MAKES PERMANENT**

**RETRIEVAL**  
Fortnightly Retrieval practice of KS3 Topics,

**KNOWLEDGE**  
OUTSIDE INFLUENCES ON DESIGN: Environment, social factors

**Design SKILLS:**  
Individual design Project Walkthrough; students will be making physical and virtual developed and complex prototypes

**ASSESSMENT**

**YEAR 10**

**TERM 1**  
SEP 20

**KNOWLEDGE**

**SKILLS**