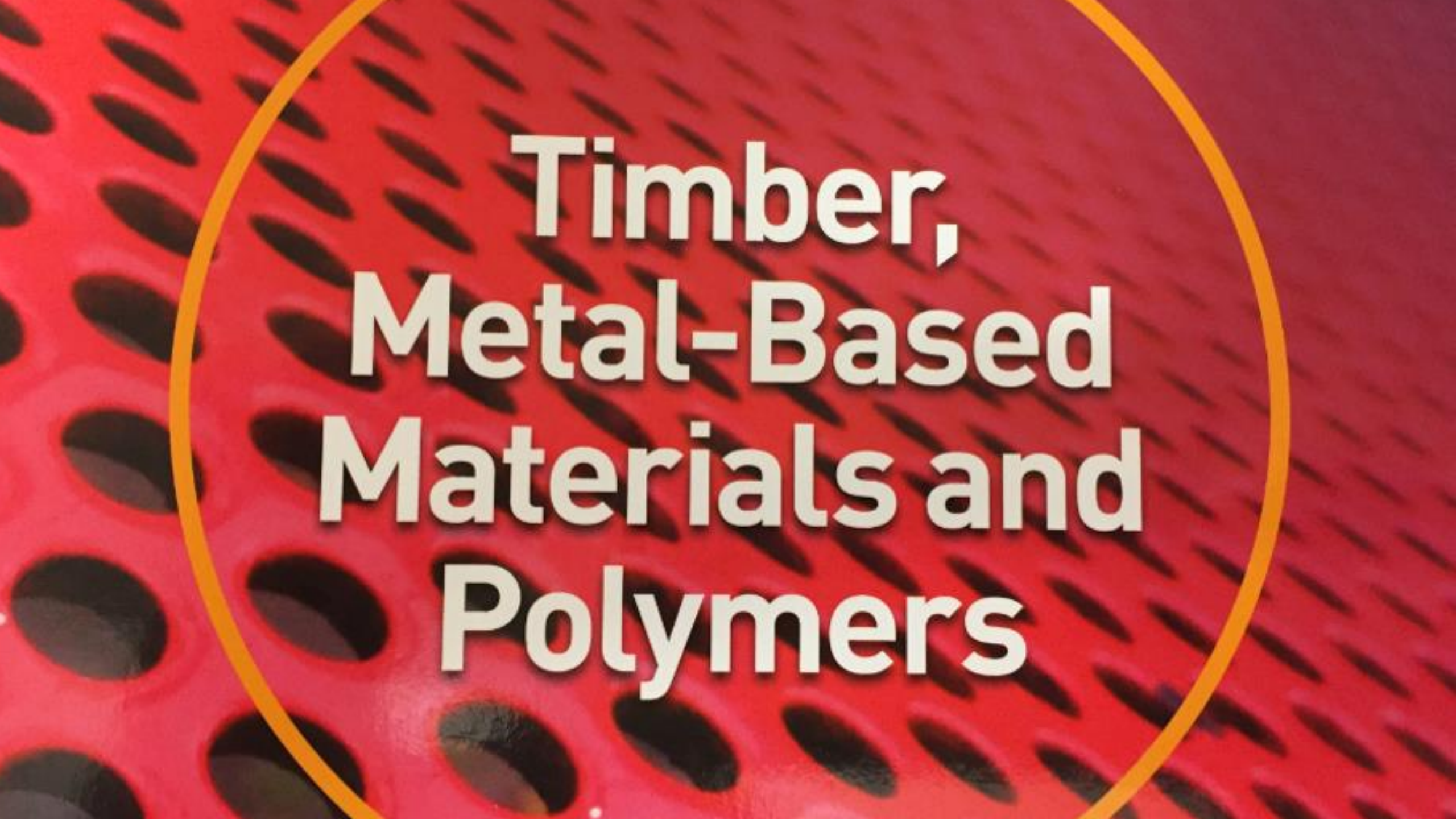





GCSE Design and Technology

The background of the image is a red perforated metal plate with a regular grid of circular holes. A bright yellow circle is superimposed on the plate, centered around the text. The text is white with a slight drop shadow, making it stand out against the red background.

Timber, Metal-Based Materials and Polymers



Textile-Based Materials

What will you do?

- Respond to a Design Brief: a problem, a question, an issue or a scenario
- Investigate materials, components and processes
- Use creative thinking to develop a wide range of imaginative Design Ideas
- Design and work with a client
- Understand the place of Design and Technology in today's society

What will you learn?

Design and Technology has more to it than making practical outcomes

- **Common Core Content** – metal, timber, plastics, textiles, paper, board and electronics
- **Specialist Materials Content** – Resistant Materials or Textiles in-depth knowledge
- **Technical Skills** – designing and sketching, modelling and making

How will you learn?

- **Year 10**

- Skills based mini projects
- Research tasks
- Designing and sketching projects
- Theoretical content

Expect to have one lesson theory, one lesson designing and one lesson practical each week.

- **Year 11**

- NEA – coursework
- Exam preparation

How will I be assessed?

Design and Technology has two sections to the GCSE

NEA - Coursework

Extended Design task

Set by Exam Board

**Started in June of Year 10 and completed by
February of Year 11**

**Researching, Analysing, Designing and
Sketching, Evaluating, Modelling and Making
a prototype**

Exam

Written paper

Set by Exam Board

2 hours

**Common Core Content
Specialist Materials Content
Designing Principles
Maths and Science Content**

Advice

Design and Technology has more to it than making practical outcomes

- Enthusiasm for designing and sketching
- Willingness to further understand the world of Design and Technology
- Prepared to work hard and stay afterschool if necessary
- Confident practical skills from Key Stage 3