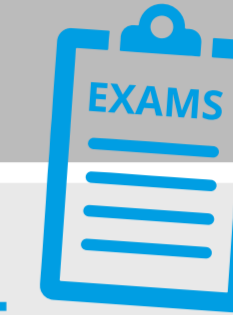




# Design Technology KS4



TRANSITION

## INFLUENCES FROM DESIGN MOVEMENTS / RE-KAP REVISION

How can designers influence current design?

## RE-KAP REVISION

What topics do you know? What topics do you need to revise further?

## REVISION AND COMMENCEMENT OF EXTERNAL EXAMS

### Mastery in Year 11

- A depth of knowledge of the properties of different materials.
- Ability to research, design and make a high quality usable prototype.
- Ability to explain the importance of product testing.



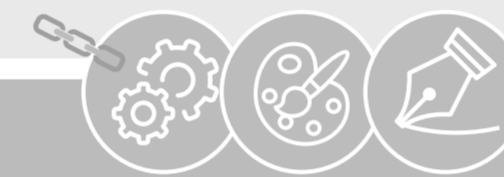
## NEA - TESTING AND EVALUATION

What properties are important to consider when choosing timbers for a product?



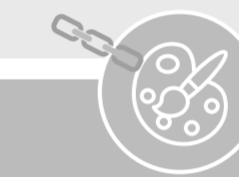
## NEA - FINAL IDEAS, MODELLING, FINAL MADE PROTOTYPE

How can you make a high quality prototype?



## NEA - DESIGN IDEAS AND DEVELOPMENT

How are textiles categorised? What properties influence choice of papers and boards?



### Mastery in Year 10

- A depth of knowledge of how modern design can be influenced by current or past designers, advancements in technologies and how each design decision can impact the environment.
- A knowledge of how movement can be incorporated into in design ideas.



## PRODUCT DESIGN - MECHANICAL TOY

How do different mechanical devices produce different movements in existing products?



## NEA - RESEARCH & DESIGN SPECIFICATION

What is the difference in properties between ferrous and non ferrous? And thermosetting and thermoforming?



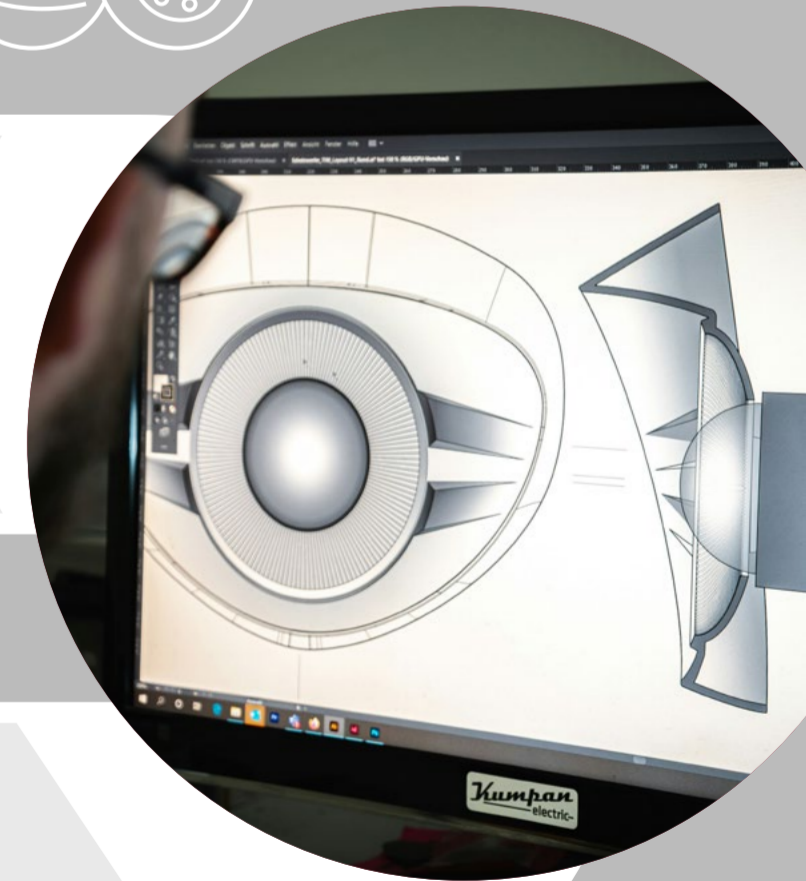
## PRODUCT DESIGN - STOOL

What do the different shapes of cams and followers do?



## PRODUCT DESIGN - DESK LAMP

What are the four different types of movement?



## HEALTH AND SAFETY IN THE WORKSHOP

How can modern or smart materials enhance existing products?



## TOOLS AND EQUIPMENT

What is the purpose of a control device or component in an electrical circuit?



## PRODUCT DESIGN - JEWELLERY BOX

What are the environmental impacts of different sources of energy?

