

MOBILE INTERACTIVE PDF APPS FOR THE NEW GCSE DESIGN AND TECHNOLOGY

Please check for updates at: http://www.technologystudent.com/despro_flesh/mobapp2.html

Date of publication: 26/08/19

CORE TECHNICAL PRINCIPLES

SPECIALIST TECHNICAL PRINCIPLES

DESIGNING AND MAKING PRINCIPLES

SCALES OF PRODUCTION
ICT IN DESIGN AND MANUFACTURING
CAD / CAM
QUALITY SYSTEMS

FACTORS INFLUENCING DESIGN
FURTHER FACTORS INFLUENCING DESIGN
EVEN MORE FACTORS INFLUENCING DESIGN
MORAL, ETHICAL, ENVIRONMENTAL ISSUES
RELATING TO DESIGN, MANUFACTURING
AND THE CONSUMER

ENERGY PRODUCTION
ENERGY STORAGE

MODERN MATERIALS
SMART MATERIALS
COMPOSITE MATERIALS
MATERIALS -WOODS - METALS - PLASTICS
MORE COMMON PLASTICS
PROPERTIES OF MATERIALS

RECYCLING
ENVIRONMENTAL ISSUES

FORCES AND MOTION
MECHANISMS
GEARS AND PULLEY SYSTEMS

A SYSTEMS APPROACH TO DESIGN
INCLUDING SYSTEMS PROCESSING

NEA GENERIC GUIDANCE

THE NEA
NON-EXAMINATION ASSESSMENT

WOODS / TIMBERS

SOURCES, ORIGINS, PREPARATION OF NATURAL WOODS
WORKING WITH WOODS / TIMBER
COMMON WOODWORKING JOINTS
KNOCK-DOWN FITTINGS, GLUES, SCREWS AND NAILS
WOOD AND METAL FINISHES

METALS

SOURCES, ORIGINS, IRON AND STEEL
WORKING WITH METALS
JOINING METAL INCLUDING TUBE
WOOD AND METAL FINISHES

POLYMERS

SOURCES, ORIGINS, POLYMERS
WORKING WITH POLYMERS
FINISHES FOR POLYMERS

PAPERS AND BOARDS

SOURCES, ORIGINS, PAPER AND BOARDS
COMMON PAPER AND BOARDS
WORKING WITH PAPERS AND BOARDS
PRINTING PROCESSES
PACKAGING AND ASSOCIATED INFORMATION
PACKAGING SYMBOLS

ELECTRICAL AND MECHANICAL COMPONENTS

SYSTEMS APPROACH TO DESIGN -SYSTEMS PROCESSING
PCBs AND SOLDERING
RESISTORS
TRANSISTORS
INTEGRATED CIRCUITS AND STANDARD COMPONENTS
PIC MICROCONTROLLERS
OPERATIONAL AMPLIFIERS
555 INTEGRATED CIRCUIT
DIGITAL LOGIC GATES / CIRCUITS

ART MOVEMENTS
DESIGNERS
ICONIC DESIGN
COMPANIES

MODEL MAKING AND PROTOTYPES
RESEARCH, INCLUDING PRIMARY AND
SECONDARY DATA COLLECTION

QUICK - EXAMINATION QUESTIONS

[QUESTIONS AND ANSWERS](#)
[INTERACTIVE MOBILE PDF APPS](#)

SUGGESTED PRESENTATION TECHNIQUES

SIMPLE SHADING TECHNIQUES
COLOURED PENCILS
RENDERING WITH FELT PENS
THICK AND THIN LINE TECHNIQUE
AND HIGHLIGHTING
ORTHOGRAPHIC PROJECTION
ISOMETRIC DRAWING - 1
OBLIQUE PROJECTION
SINGLE POINT PERSPECTIVE DRAWING
TWO POINT PERSPECTIVE DRAWING
ESTIMATED PERSPECTIVE DRAWING
PICTOGRAMS, FLOWCHARTS, SEQUENCE
DRAWINGS AND INSTRUCTION DRAWINGS

IMPORTANT

DOWNLOAD THE MOBILE PDF APPS AT:

http://www.technologystudent.com/despro_flesh/mobapp2.html