



# DESIGN AND MANUFACTURE

What Themes or Topics will you study in this subject?

DESIGN: THROUGH REAL LIFE DESIGN SITUATIONS, LEARNERS WILL ENHANCE CREATIVE AND PROBLEM SOLVING SKILLS. COMMUNICATION SKILLS WILL ALSO BE ENHANCED AS STUDENTS NEED TO DESCRIBE THEIR DESIGN THROUGH SKETCHES, MODELS AND ORAL PRESENTATIONS. CRAFT: STUDENTS WILL ACQUIRE A DEEPER UNDERSTANDING OF INDUSTRIAL MANUFACTURING PROCESSES AND WILL EXPERIENCE THE USE OF SOME OF THESE WITHIN THE SCHOOL.

What Skills will you develop in this subject?

LEARNERS WILL DEVELOP SKILLS IN INITIATING, DEVELOPING, ARTICULATING AND COMMUNICATING DESIGN PROPOSALS. THEY WILL ALSO DEVELOP PRACTICAL SKILLS THAT ARE INVALUABLE IN THE DESIGN/MAKE/TEST PROCESS AND WILL GAIN AN APPRECIATION OF THE PROPERTIES AND USES OF MATERIALS AS WELL AS A RANGE OF MANUFACTURING PROCESSES AND TECHNIQUES.

At what levels can you study this subject?

AT THE MOMENT STUDENTS ARE PRESENTED AT NATIONAL 4 AND NATIONAL 5. THE COURSE DOES HOWEVER ALLOW FOR FURTHER STUDY AT HIGHER AND ADVANCED HIGHER LEVEL.

What Careers are available?

THIS COURSE IS OF BROAD GENERAL BENEFIT TO ALL LEARNERS. IT ALSO PROVIDES A FOUNDATION FOR THOSE CONSIDERING FURTHER STUDY, OR A CAREER IN PRODUCT AND INTERIOR DESIGN, MANUFACTURING, ENGINEERING, SCIENCE, MARKETING, ARCHITECTURE & QUANTITY SURVEYING.

THE ALSO COURSE PROVIDES A COMPLEMENTARY PRACTICAL EXPERIENCE FOR THOSE STUDYING SUBJECTS IN THE TECHNOLOGIES AND EXPRESSIVE ARTS.

*“Committed to care & Excellence”*