



S3 DESIGN AND MAKE

What Themes or Topics will you study in this subject?

THIS COURSE WILL CONTINUE TO DEVELOP THE DESIGN AND CRAFT SKILLS ACQUIRED IN S1/2. THE PROJECTS WILL USE A RANGE OF MATERIALS AND PROCESSES TO MANUFACTURE A RANGE OF USABLE PRODUCTS WHICH THE STUDENTS WILL HOPEFULLY TO TAKE HOME. STUDENTS WILL BE ASKED TO MAKE A SMALL CONTRIBUTION TOWARDS THE COST OF THE MATERIALS.

What Skills will you develop in this subject?

DESIGN SPECIFIC SKILLS INCLUDE 3-D SKETCHING, PRODUCT MODELLING AND SOME COMPUTER AIDED DESIGN WORK. CRAFT SKILLS INCLUDE LEARNING HOW TO CONFIDENTLY AND SAFELY USE A VARIETY OF HAND TOOLS AND EQUIPMENT SUCH AS THE WOOD/ METAL LATHES AND LASER CUTTER. THIS COURSE WILL ALSO DEVELOP TRANSFERABLE SKILLS SUCH AS CREATIVITY, RESILIANCE, PROBLEM SOLVING AND INFORMED REASONING.

What future study is available in this subject in the senior phase?

PUPILS CAN PROGRESS INTO EITHER NATIONAL 4/5 DESIGN AND MANUFACTURE OR NAT 4/5 PRACTICAL WOODWORKING.

What Careers are available?

A RANGE OF CAREERS ARE AVAILABLE AFTER COMPLETION OF THE FOURTH YEAR. DEPENDING ON THE SUBJECTS CHOSEN, CAREERS AND FURTHER STUDY CAN INCLUDE: PRODUCT DESIGN, INTERIOR DEIGN, ARCHITECTURE, QUANTITY SURVEYING AND MODERN APPRENTICESHIPS IN JOINERY, CONSTRUCTION AND ENGINEERING.