

Topics Studied in Technical S1-S6

BGE S1-S3

Graphic Skills

Using Colour/Technical drawing/CAD/Photo Editing/Desk Top Publishing/ 2d Sketching/ 3d Sketching

Workshop Skills

Safe working/ Tools and Machinery/ Using Resistant materials (Wood, Metal, Plastic)

Design Process

Sketching concepts, Informed environmental decisions, Model making,

Senior Phase S4-S6

Design and Manufacture

Sketching concepts, Manufacturing a practical toy, Design issues and Processes, Commercial manufacturing methods.

Graphic Communication

Preliminary graphics, Production Graphics, Promotional Graphics , Building skills in CAD, CAG, Photo editing, Sketching, Geometrical graphics, Thematic presentation.

Practical Woodworking

Tool and material understanding/recognition, Carcase construction, Frame construction, Using machinery

Practical Metalworking

Fitting skills, Machining, Fabrication and thermal joining, Metal finishing.

