

ST PATRICK'S CATHOLIC PRIMARY SCHOOL

DESIGN AND TECHNOLOGY POLICY

"Tell me and I forget-

Show me and I may remember -

Let me do it and I learn"

Prue Leith

PRINCIPLES

Through the study of design and technology children have opportunities to become creative problem solvers by combining practical skills with an understanding of aesthetic, social and environmental issues.

AIMS

to develop creative thinkers

to develop the skills involved in designing and making

to develop a sense of enjoyment and pride in producing products

to develop the ability to critically appraise their own work

to develop collaborative, safe working practices

WORKING PROCEDURES

Children will take part in a range of DT projects each year which will not necessarily be structured as weekly lessons. Work may be blocked or activities may form part of themed cross curricular days or weeks. DT projects will allow the children to experience working with a range of materials including stiff and flexible sheet materials, textiles, mouldable materials, food, electrical, mechanical components and control technology.

Learning opportunities will be divided into these areas:

IDEAs (investigative, disassembly and evaluative activities)

Children explore examples of existing products and gain knowledge and understanding which can be applied in a design and make assignment.

FPTs (focused, practical tasks)

Children learn and practise particular skills needed for the main project.

DMAs (design and make assignments)

Children design and make a product to meet a real need.

E (evaluate)

Children evaluate their finished products.

EQUAL OPPORTUNITIES

All activities will be planned to challenge the more able and support the less able.

ASSESSMENT/RECORD KEEPING/ REPORTING

Ongoing teacher assessment will take place during projects. Children's progress and achievement in DT will form part of the annual report to parents.

MONITORING

Subject leaders will monitor implementation of plans, outcomes of assessment and conduct sampling of ongoing projects.

RESOURCES

Materials and equipment is stored centrally within each department. Perishable items will be bought as required.

HEALTH AND SAFETY

Children must be supervised when using equipment

Children should be taught how to use any equipment safely before being allowed to work with it.

Hair must be tied back.

Food Hygiene

Pupils and adults must wash hands prior to preparing food

Table surfaces must be cleaned

Pupils and adults must wear aprons designated for cooking

DT cooking equipment must not be used for art activities

Craft Knives

Craft knives must NOT be used by children in KS1 or Foundation Stage

KS2 children may use cutting equipment under supervision using a cutting mat, safety ruler and safety goggles and at the discretion of the CT

Woodwork

Safety goggles must be worn when cutting or sawing wood.

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