



**MARICOURT**  
CATHOLIC  
HIGH SCHOOL  
& SIXTH FORM CENTRE

## DESIGN TECHNOLOGY



### Transition Task- Textiles- Famous Designers

Research one of the following famous designers- Coco Chanel, Alexander McQueen, Zaha Hadid, Charles Rennie Mackintosh, Alessi, Elsie Owusu or Phillippe Starck. Create a mood board based on their work.

Write a short report about their life including famous products they have designed.

Bring this along to your first DT lesson or DM us a picture through our social media platform to share and celebrate!



### Transition Task- 6 Rs Making Task

Design and make a desk tidy using waste materials from around your home. You could use cereal boxes, toilet rolls, packaging etc.

It must be able to store a range of stationary, headphones and include a phone stand.



**CREATE**  
WITH  
MARICOURT



This means using less non-renewable resources.

**Reducing** the amount of raw materials we use to manufacture products.

**Reduce** wastage of raw materials used in the manufacture of products.

**Reduce** the amount of energy used to transport products. Perhaps, by manufacturing products locally.

**Reducing** the packaging we use to 'contain' products. Use less supermarket carrier bags.

### RECYCLE



We should recycle as many materials as possible, as this reduces the amount of new materials required to manufacture the products we want.

A vast range of materials can be recycled particularly paper, card, and many plastics.

Recyclable materials can be reformed / processed and made into a new products.

### REUSE



Where possible, we should reuse products or their components / parts when they are disassembled, at the end of their life cycles.

Products should be designed, so that they can be used again or at least their parts, with minimal reprocessing. This is usually cheaper and more environmentally friendly, than using new raw materials.

A good example of reuse is glass bottles, which are washed and refilled. Also applies to some plastic bottles.

### REFUSE



**Refuse** to buy or use a product, if it is not environmentally sustainable, or it is not necessary.

**Refuse** to buy a product that is over packaged, with non-recyclable materials.

**Refuse** to buy a product, that has not been manufactured from recycled / reclaimed materials.

**Refuse** to invest your money in companies, that are not environmentally friendly.

### RETHINK



**Rethink** - when designing, consider manufacturing the product from sustainable materials.

**Rethink** - do you really need the product, you are thinking of buying?

**Rethink** your lifestyle i.e. walk instead of driving a car, for a short journey. Turn electrical devices off, when they are not in use.

### REPAIR



Only design products that are **repairable**, not disposable. A repairable product will last much longer, extending its useful working life. It will be environmentally friendly.

Only buy products that can be **repaired / maintained**. This will save you money in the long term and is kinder to the environment..

If possible, avoid buying disposable and non-repairable products.

## Transition Task- Food Technology

The best way to start your day is with a healthy breakfast. A healthy breakfast should include a carbohydrate for energy and ideally some fruit contributing towards your 5 a day.

Your transition task from Miss Ray for food technology is to create a healthy breakfast and send us some pictures at Maricourt. I have included some ideas below.

