



St Patrick's &  
St Brigid's College

Summer Exams 2017

Year 10

Revision Booklet



## Contents:

- 1) English
- 2) French
- 3) Geography
- 4) History
- 5) Home Economics
- 6) Mathematics
- 7) Music
- 8) Religion
- 9) Science
- 10) Technology
- 11) ICT



## French Department Revision List

- ⇒ Construction of -er verbs
- ⇒ Construction of -ir verbs
- ⇒ Construction of -re verbs
- ⇒ Four main irregular verbs (être, faire, aller and avoir)
- ⇒ Describing where you live and where you would like to live
- ⇒ Describing your home
- ⇒ Using prepositions
- ⇒ Talking about meals
- ⇒ Using du, de, la, des, de l'
- ⇒ Discussing what foods to buy
- ⇒ Il faut and infinitive
- ⇒ Talking about a forthcoming event
- ⇒ Practice with the near future



# Geography Department Revision List

Volcanoes and Earthquakes – Effects in LEDCs and MEDCs.

## Climate and Weather:

- Factors that affect climate
- Rainfall graphs
- Temperature graphs
- Britain's Climate
- Equatorial Climate and Tropical Rainforest

## Globalisation:

- TNCs

## Tourism:

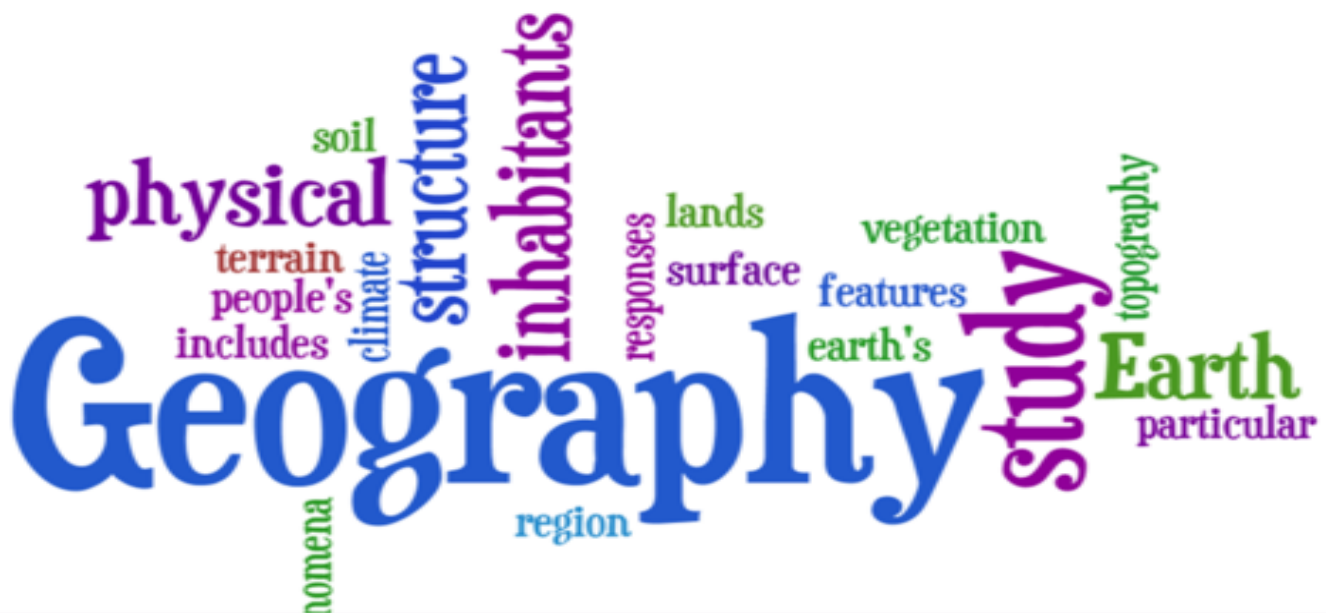
Benefits and Problems

- National Parks
- China
- World Development

## OS Skills:

- Grid Reference
- Scale
- Direction

\* Know definitions of key words connected with above topics \*





## Home Economics Department Revision List

- 1) Hygiene Rules
- 2) Safety Rules
- 3) Food Storage
- 4) The Eatwell Plate
- 5) Nutrients and functions
- 6) Conditions for growth of bacteria
- 7) Food Poisoning/Cross Contamination
- 8) Thermometers/Germometre
- 9) Storage and use of leftovers
- 10) Do's & Don'ts of Pregnancy
- 11) Iron and anaemia
- 12) Weaning
- 13) Recipe Modification
- 14) Coronary Heart Disease
- 15) Cholesterol
- 16) Fat in the diet
- 17) Energy dense foods
- 18) Reducing dental caries
- 19) NSP
- 20) Planning meals
- 21) Menu's
- 22) Why food is cooked
- 23) Cooking Methods
- 24) Adolescents Nutritional Needs



# Mathematics Department Revision List

## Mathematics Year 10

Your teacher will advise which paper you will sit for your summer exam. You will be given a more detailed revision list in class. These are the general areas to revise for each paper:

### Paper 1

Pictograms

Mean, Median, Mode and Range

Pie Charts

Stem & Leaf Diagrams

Factors, multiples, prime numbers

Rounding

Negative Numbers

Fractions, decimals, percentages

Money Calculations

Long Multiplication

Names & properties of 2D shapes

Area & Perimeter

Co-ordinates

Constructing Triangles

Angles

Nets

Volume

Scale Diagram

Sequences

Equations

Expanding & Simplifying Expressions

### Paper 2

Cubes & Squares

Product of Prime Factors

Negative Numbers

Percentages

Money Calculations

Sequences

Substitution

Equations

Factorising

Trial & Improvement

Straight Line Graphs

Midpoint of a Line

Bearings

Angles in Polygons

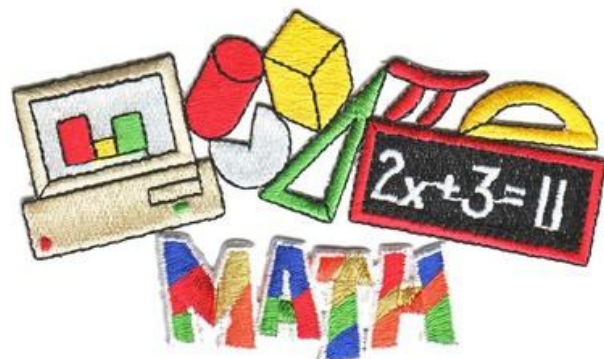
Area of Circles

Decision Trees

Sampling

Scatter Graphs

Mean, median, mode and range





## Music Department Revision List

### Yr 10– Listening Assessment (100%):

- Revise the following sections from the workbook:

*Section 2– All Keywords & Terms*

*Section 3– Music of the Slaves*



## Religion Department Revision List

- Inner/outer self
- Parable of the Talents
- The Beatitudes
- Types of Prayer
- The Trinity
- Jesus relationship with others
- Prejudice
- Last week of Jesus
- The Church Year
- The Resurrection



## Science Department Revision List

- Properties of materials
- Naming apparatus
- Adaption in animals and habitat
- Using keys and animal group identification
- Separation techniques
- The 3 states of matter
- Energy
- Electrical circuits
- Static electricity
- Interpreting practical results
- Food chains/webs
- Structure of a plant
- Life cycles
- Reproduction in plants
- Food groups– what they are needed for
- Digestion
- Heart rate
- Light & sound
- Moments & pressure
- Magnets
- Heat transfer– Conduction, convection & radiation
- Chemical & physical reactions
- Reactivity series
- Acids & alkalis
- Neutralisation
- Speed



## Spanish Department Revision List

- Hobbies/opinions
- Describing friends/celebrities
- My daily routine
- Countries/ nationalities
- Places in town
- Invitations / making excuses
- Holidays – accommodation, travel, activities
- Food and drink
- Describing mealtimes
- Eating at a restaurant/understanding a menu
- Expressing opinions

SE

HABLA

**ESPAÑOL**

# Technology & Design Department Revision List

Know what the following woods are used for in relation to your manufacture project and be able to explain what each category means:

## Types of wood

Manmade - Plywood, Veneered MDF

Softwood - Pine

Hardwood - Mahogany Oak

## Permanent Joints

Know the possible uses for each joint and which are stronger.

Know how to draw in 3D the following joints:

Butt Joint

Halving Joint

Lap Joint

Housing Joint

Mortise and Tenon Joint

Dovetail Joint

## Temporary Joints

Screws

Nut and bolts

## Types of Plastic

Know and understand the main types of plastic and know where plastic comes from

Thermoplastic : Acrylic

Thermosetting

## Handtools and Machinery

Pupils must know all the steps to any projects using their manufacturing diary as a revision aid  
You must be able to recognise and explain the purpose of the equipment listed below:

Tenon Saw

Band facer

Coping Saw

Pillar Drill

Polisher

Bradawl

Try Square

Radius template

Steel Rule

Countersink bit

Countersunk screw

File

Emery paper

## CAD and CAM

Know what both terms mean and the advantages and disadvantages of both

## CAD Technical terms

Pupils must be able to explain the following:

Extrude Cut

Sketch

Extrude

Smart Dimension

Top plane

Assemble

Fillet

Mate

Chamfer

## Design

Pupils must be able to draw two original designs based on a specification.

Pupils must be able to annotate each design to communicate how it will be made and explain any design features.



## Year 10 ICT Revision List

### Charts

- ◇ Enter data accurately
- ◇ Create a chart
- ◇ Title the chart
- ◇ Label the x and y axis
- ◇ Use data labels appropriately
- ◇ Save and print a chart on one A4 page

### Database

- ◇ Design and create a database
- ◇ Edit data type
- ◇ Edit field size
- ◇ Enter data into a table accurately
- ◇ Save database using a suitable filename
- ◇ Print a database table

