



YEAR 10 FOCUS INFORMATION

In Year 10, all pupils study the 'core' offer of GCSE courses in Religious Education, English Language and Literature, Mathematics and Science. In addition to this 'core' pupils have access to a range of diverse subjects from other curriculum areas. Curriculum design ensures that powerful knowledge is embedded and this empowers our young people to participate fully in society. The curriculum is highly ambitious and promotes the development of pupils academically and personally through the advancement of their knowledge, underpinned by our Catholic values. This is made possible due to our highly skilled and creative staff who have the learning and progress of our pupils at the centre of their craft. Please see below for the outline of Autumn Term's curriculum plan for individual subjects.

RELIGIOUS EDUCATION

Jewish Beliefs and Practices:

- God: The Almighty
- Shekinah
- Messiah
- The Covenants
- Life on Earth: Pikuach Nefesh and the Mitzvot
- The Afterlife
- Prayer and the Synagogue
- Rituals
- Festivals
- Dietary Laws

Origins and Meanings:

- Creation Ex Nihilo
- Different Interpretations
- Science and Creation
- Creation and Humanity
- Marian Feasts, Prayers and Titles
- Mary Iconography
- Our Lady of Guadalupe
- St Catherine of Sienna

ENGLISH

- English Language Skills
- A Christmas Carol by Charles Dickens

MATHEMATICS

Foundation and Higher

- Percentages
- Surface Area and Volume
- Simultaneous Equations
- Formulae
- Trigonometry
- Constructions

SCIENCE

- Organisation
- Bonding, structure and properties of matter
- Particle model of matter
- Infection and response
- Chemical changes

ART

Natural Forms Project:

- The Formal Elements of Art
- Observational drawing in a range of media
- Colour development

CHILD DEVELOPMENT

- Accidents and accident prevention in a childcare setting
- Choosing suitable equipment for a childcare setting
- Nutritional Needs of children

COMPUTING

Computer Science

- CPU and Computer Architecture
- Memory
- Programming basics

Business

- Enterprise and Entrepreneurship
- Risk and Reward
- Nature of business
- Customer needs
- Market research

iMedia

- Digital graphics
- Tiff, JPEG and PDF
- Permissions
- Audience and Purpose
- Pixel Dimensions
- File types and formats



Serve



Pray



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Respect

DESIGN & TECHNOLOGY

Engineering:

Unit R016: Manufacturing

Coursework (30%)

- Manufacture and production aids
- Sequence of operations
- Operating parameters Standard operating procedures (SOPs)
- Use Computer Aided Design (CAD) software
- Programme CNC machine operations

Unit R014: Principles of engineering manufacture

Written examination content (40%)

- Types of manufacturing processes
- How each process type changes the form of materials to create a product
- Wasting processes

3D Design:

Component 01: Portfolio

Coursework (60%)

Foundation Skills and Project 1

Theme: "Structures, Form & Surface" or similar

- Research into artists and designers
- Workshop rotations – CAD, clay, card, wire, model making
- Sketching, annotation, photography and visual analysis
- Begin Project 1: design development

Food and Cookery :

Written examination content (40%)

Health and Safety

- Safety and hygienic working practices
- Potential hazards and risks
- Hazard Analysis and Critical Control Point (HACCP)
- Minimising risk
- Safe and hygienic working practices

Food legislation and food provenance

- The Food Standards Agency
- Provenance
- Transportation
- Processing
- Manufacturing

Every two weeks, pupils will cook to develop their practical skills.

DRAMA

- Devising theatre
- Script writing
- Practitioner research
- Exploring stimuli
- Dramatic techniques
- Brecht & non naturalism

GEOGRAPHY

- UK Urban issues
- UK rural issues
- Sustainable living
- UK population change
- Global cities

HISTORY

Medicine in Britain, c.1250-present:

- c.1250 – c.1500: Medicine in medieval England.
- c.1500 – c.1700: The Medical Renaissance.
- c.1700 – c.1900: Medicine in 18th and 19th century Britain.
- c.1900-present: Medicine in modern Britain

MODERN LANGUAGES

Education, work and travel:

- Revision
- Problems in school
- School clubs
- Work experience
- Importance of learning a language
- Future plans
- Applying for a job
- Countries;
- Holiday plans
- Dealing with issues abroad
- Accommodation
- Places of interests
- Enrichment – Christmas
- Verbs: estudiar , trabajar

MUSIC

- Musical notation
- Classical - Eras of Music
- Elements of Music
- Forms and Devices
- Chords
- Music technology – DAW
- Solo performance
- Composing a melody
- Chord progressions



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GCSE PHYSICAL EDUCATION

PE GCSE:

- Physical training
- Components of fitness
- Principles of training
- Methods of training
- Long term effects of exercise
- Injuries
- Performance enhancing drugs

CORE PHYSICAL EDUCATION

Boys:

- Football
- Basketball
- Team Building
- Table Tennis

Girls:

- Team building
- Fitness and Yoga
- Football
- Netball

Throughout all sports, pupils will develop three character strands to become:

1. Highly Skilful
2. Effective Thinkers
3. Empowered Character

PSHCE

- What is mental health?
- Depression and anxiety
- Understanding OCD and BPD
- Gambling, addiction, signposting and support
- Mental health and breaking the stigma
- Nitrous oxide
- Drug and alcohol risks
- Understanding addiction and seeking support

UPCOMING DATES



- **Year 10 Mocks** - 7th - 10th December
- **Year 10 Parents' Evening** - 14th January 2027



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