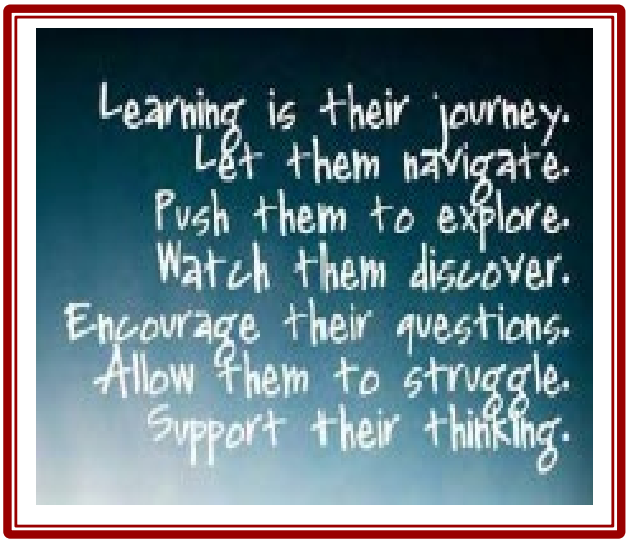
Trinity Catholic High School

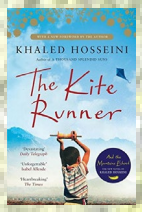
YEAR 11 LEARNING JOURNEYS 2024-2025

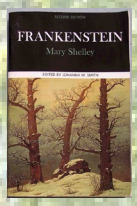
Our 'Learning Journeys' provide an outline, for all of our stakeholders, of the diverse range of knowledge rich and challenging subject topics that students can enjoy during their GCSEs at Trinity Catholic High School. We developed these 'journeys' to make explicit the range of academic opportunities on offer for our students to grow, develop and learn. We want our students to develop their academic skills and experiences to ultimately lead successful and fulfilling adult lives, as well as being able to realise their dreams and ambitions.

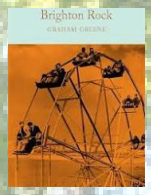
Learning journeys are important documents that demonstrate to students and parents the units of study that students will undertake during Year 11 – these documents have been given to students and are visible in exercise books. We feel it is vitally important for students to know what they are studying; learning journeys foster discussions in lessons as to 'why' these topics are being taught and furthermore, these documents allow students to see how units of study overlap not only within the subject domain but also across the curriculum. We encourage parents to look at these documents with their children so they too can visualise the learning journey that we will be taking students on.



Year 11 English Learning Journey

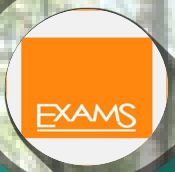






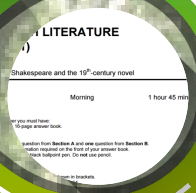
Wider Reading

You will complete your journey of GCSE English Literature and Language with the completion of your exams.



You will complete revision in preparation for the exams and develop your ability to analyse both set and unseen texts.

Towards the end of term two you will continue to revise the different elements of the Language and Literature papers.

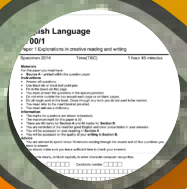


Spring Mock Exams
You will complete a Literature Paper: *Jekyll & Hyde, Power & Conflict Poetry, and Unseen Poetry* (2 hour 15 minutes) and a Language Paper 2: writer's viewpoints (1 hour 45 minutes).

The study of unseen poetry will be supported with the study of unseen extracts, both fiction and non-fiction to develop analysis of writer's ideas and choice of linguistic and structural features.

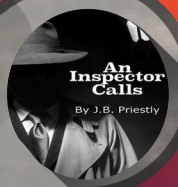
For term two, you will explore the unseen poetry element of the literature exam (Paper 2) to develop critical analysis skills further.

Winter Mock Exams
You will complete a Literature Paper : *Macbeth* and *An Inspector Calls* (1 hour 45 minutes) and Language Paper 1: Exploration of Creative Reading & Writing (1 hour 45 minutes).



You will revise the Power & Conflict Poetry and explore how to analyse unseen poetry and develop your ability to compare writer's ideas under exam conditions.

Your understanding of the themes of *An Inspector Calls* is supported with the study of unseen non-fiction extracts (Language Paper 2) to develop analysis of writer's ideas and viewpoints.



For term one, you will start the year developing critical reading skills when analysing J. B Priestley's *An Inspector Calls* (Literature Paper 2)

'I read: I travel: I become.' – Derek Walcott

2024-2025

Year 11-H(1c2abc) Mathematics

Properties of Circles

Circle theorems, cyclic quadrilaterals, tangent and chords, Alternate Segment Theorem

Graphs

Distance-time graphs, velocity-time graphs, estimating and interpreting the area under a curve, rates of change, work out and interpret a gradient at a point on a curve, equation of a circle, cubic, reciprocal and exponential graphs, transformations of the graph $y = f(x)$.

Algebraic fractions and functions

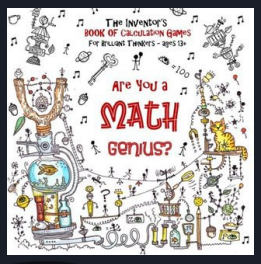
Simplify algebraic fractions, solve equations involving algebraic fractions, change the subject of a formula, inverse and composite functions, using iteration to find an approximate solution for an equation.

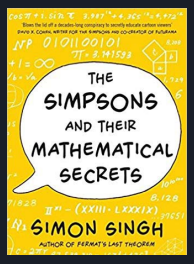
Problem Solving, Revision and Exam Practice

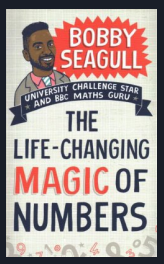
Problem Solving, Revision and Exam Practice

DID YOU KNOW?

The human brain is made up of more neurons than there are stars in the galaxy – over 100 billion. Pathways in your brain are rewired second to second as you learn to do new things.







Reading Books

Triangles

Using trigonometric ratios to solve further 2D and 3D problems, trigonometric ratios of angles between 0° and 360°, graphs and exact values, sine and cosine rules to solve problems involving non right-angled triangles, area of a triangle.

Revision and November Mock Exams

1 x Non-Calculator Paper
2 x Calculator Papers

DID YOU KNOW?

Markings on animal bones indicate that humans have been doing maths since around 30,000BC.

Vector Geometry

Add and subtract vectors, properties of vectors, using vectors to solve geometric problems, proving geometric results.

Spring Mock Exams

1 x Non-Calculator Paper
2 x Calculator Papers

DID YOU KNOW?

Sergey Brin, co-founder of Google studied maths (and computer science) at university.

GCSE Exams

1 x Non-Calculator Paper
2 x Calculator Papers

2024-25

Year 11-F
Mathematics

Number and Sequences

Patterns in number, number sequences, finding the nth term of a linear sequences, special sequences,

Congruency and Similarity

Showing that two triangles are congruent, working out the scale factor for two similar shapes, working out the lengths of sides in similar shapes.

Combined events

Working out the probabilities for two or more events, two-way tables, Venn diagrams, frequency tree diagrams, probability tree diagrams.

Simultaneous Equations and Linear Inequalities

Solving simultaneous equations algebraically, solving a linear inequality and representing the solution on a number line

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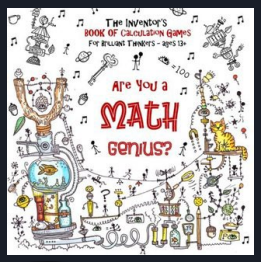

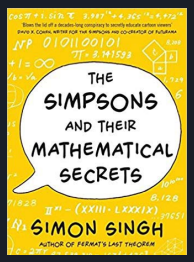

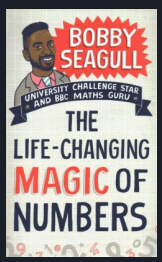

Reading Books

Right-angled Triangles

Pythagoras theorem, applying Pythagoras theorem in real-life situations and to isosceles triangles, trigonometric ratios to calculate lengths and angles, non calculator strategies, trigonometry and bearings and isosceles triangles.

Revision and November Mock Exams

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Powers and Standard form

Calculating with powers, writing numbers in standard form, calculating with numbers in standard form.

Non-linear Graphs

Distance-time graphs, velocity-time graphs, plotting quadratic graphs, solving quadratic equations by factorisation, significant points of a quadratic curve, cubic and reciprocal graphs.

GCSE Exams

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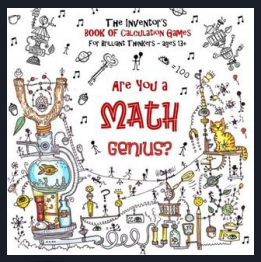
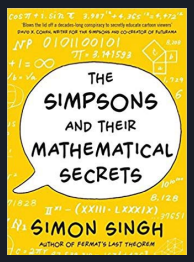
2 x Calculator Papers

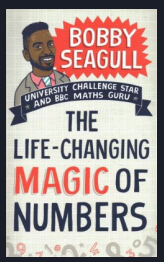
2024-25

Summer Y10–Y11

Additional Mathematics







Polynomials

Addition, subtraction, multiplication and division of polynomials. The factor theorem. Quadratic equations

Sequences

Sequences and recurrence relationships.

Points, lines and circles

The line joining two points. The coordinate geometry of circles.

Trigonometric Functions

Trigonometric functions for angles of any size. Sine and cosine rules. Identities involving sin, cos and tan. Using trigonometrical identities to solve equations.

Applications of trigonometry

Applications in modelling. Working in three dimensions

Binomial distribution

Binomial expansion. The binomial distribution.

Numerical Methods

Locating a root of an equation. Improving a root. Iterative sequences. Gradients of tangents. Area under a curve. Applications of numerical methods

Differentiation

Differentiation. The gradient of a curve. Stationary points.

Integration

The rule for integrating x^n where n is a positive integer. The integral notation. Definite integrals. Area between a curve and the x axis. Areas below the x axis. The area between two curves.

Applications of equations and inequalities in one variable

Applications of equations, solving linear and quadratic inequalities.

Linear inequalities in two variables

Illustrating linear inequalities in two variables. Using inequalities for problem solving. Linear programming

Permutations and combinations

Probability diagrams. Factorials and product rule. Permutations and combinations

Exponentials and Logarithms

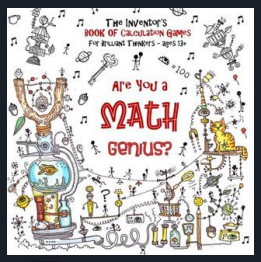
Properties of the exponential function. Logarithms. Reduction to linear form. Equations involving exponentials

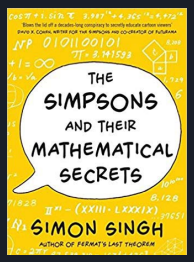
Application to Kinematics

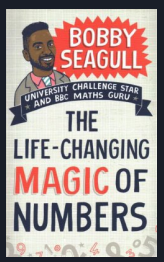
Motion in a straight line. Acceleration due to gravity. Finding displacement from velocity

2024-25

Year 11-H 1ab
Mathematics & Statistics







Reading Books

Properties of Circles

Circle theorems, cyclic quadrilaterals, tangent and chords, Alternate Segment Theorem

Triangles

Using trigonometric ratios to solve further 2D and 3D problems, trigonometric ratios of angles between 0° and 360°, graphs and exact values, sine and cosine rules to solve problems involving non right-angled triangles, area of a triangle.

Graphs

Distance-time graphs, velocity-time graphs, estimating and interpreting the area under a curve, rates of change, work out and interpret a gradient at a point on a curve, equation of a circle, cubic, reciprocal and exponential graphs, transformations of the graph $y = f(x)$.

Index Numbers

Simple index numbers, RPI, CPI, GDP, chain base, index numbers and rates of change

Algebraic fractions and functions

Simplify algebraic fractions, solve equations involving algebraic fractions, change the subject of a formula, inverse and composite functions, using iteration to find an approximate solution for an equation.

November Mock Exams

1 x Non-Calculator Paper
2 x Calculator Papers

Vector Geometry

Add and subtract vectors, properties of vectors, using vectors to solve geometric problems, proving geometric results.

Probability Distributions

Binomial distribution, Normal distribution, standardised scores, quality assurance

Spring Mock Exams

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DID YOU KNOW?
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Problem Solving, Revision and Exam Practice

GCSE Exams

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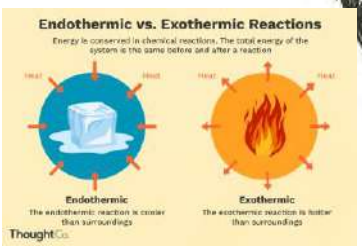
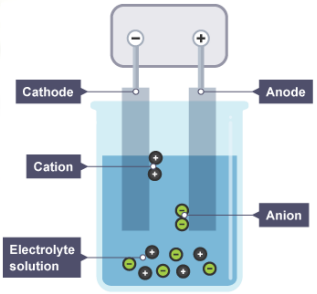
2024-25

Combined Chemistry

Year 11 Part 1



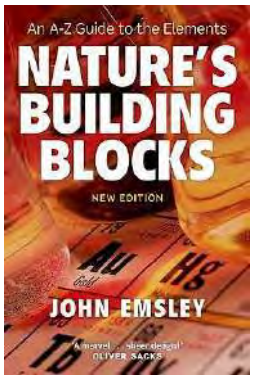


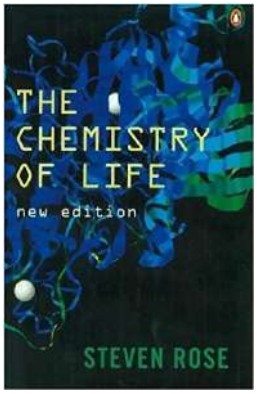
Organic Chemistry

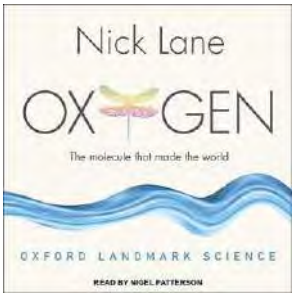
- Hydrocarbons
- Altering Conditions

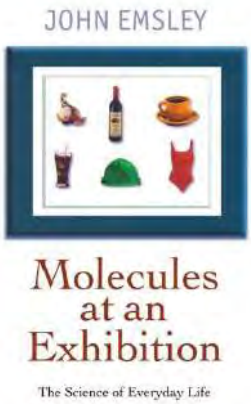
Rates and Equilibrium

- Dynamic Equilibrium
- Reversible reactions
- Energy and Reversible reactions
- Concentration, Pressure and rate of reaction
- Collision Theory and surface area
- Effect of Catalysts
- Temperature and rate of reaction
- Rate of Reaction









Combined Chemistry

Year 11 Part 2

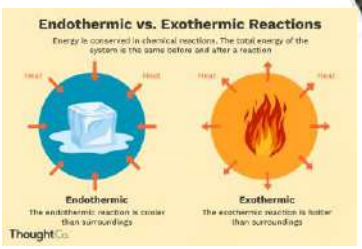
GCSE CHEMISTRY UNIT 2 MOCK

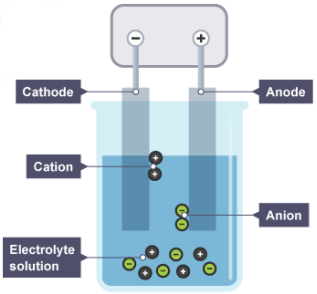
EARTH AND ATMOSPHERE

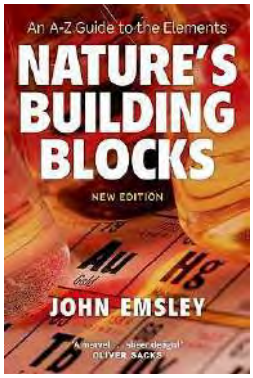
- Life Cycle Assessments; Reduce, Reuse, Recycle
- Extracting metals from ores
- Water Safe to drink; Treating waste water
- Atmospheric Pollutants
- Finite and Renewable resources
- Greenhouse Gases
- Global Climate Change
- History of our Atmosphere
- Our Evolving Atmosphere
- Testing for gases

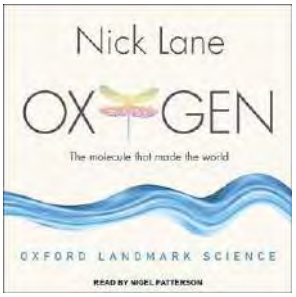
Crude Oil and Fuels; Chemical Analysis

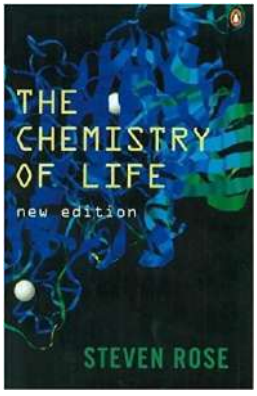
- Analysing Chromatograms
- Cracking Hydrocarbons
- Pure substances and Mixtures
- Fractional Distillation of Oil
- Burning Hydrocarbon Fuels

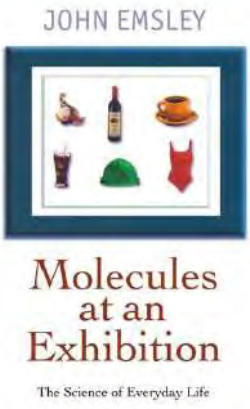






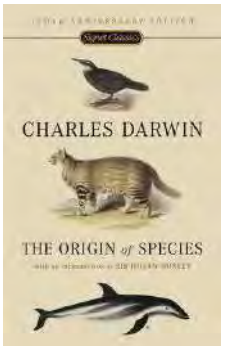


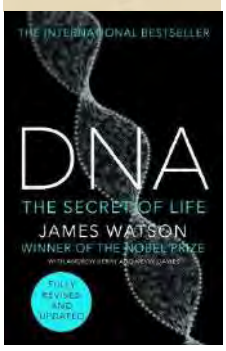


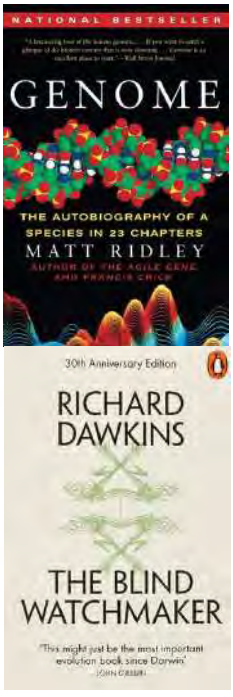


Combined Biology

Year 11 Part 1







The Human Nervous System

- Principles of Hormonal Control
- Control of blood glucose levels
- Reflex Actions
- Human nervous system
- Maintaining Biodiversity
- Principles of homeostasis
- Deforestation and Peat Destruction
- Global Warming
- Land and Water Pollution
- Air Pollution
- The Human Population Explosion

Ecology

- The Carbon Cycle
- Feeding Relationships
- Materials Cycling
- Adaptations, Interdependence and Competition Review

Combined Biology

Year 11 Part 2

Evolution by Natural Selection

Antibiotic Resistant Bacteria

Variation

Reproduction and Genetics

Screening for genetic disorders

Genetics

Inherited Disorders

DNA and the genome

Inheritance in action

Types of reproduction

Cell division in sexual reproduction

Infertility Treatments

Hormonal Coordination

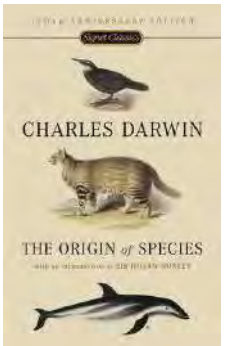
Artificial control of fertility

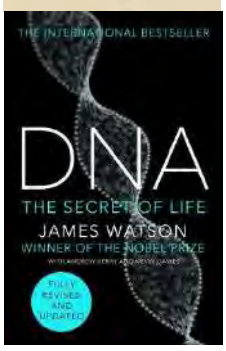
Human Reproduction

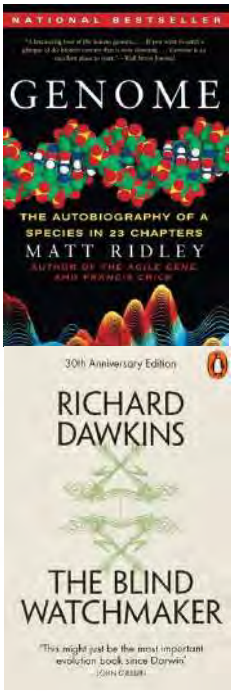
The menstrual cycle

Treating Diabetes

The role of negative feedback







Combined Biology

Year 11 Part 3

GENETICS AND REPRODUCTION

ECOLOGY

BIOLOGICAL RESPONSES

REVISION

DISEASE AND BIOENERGETICS

UNIT 1 AND 2 MOCK REVISION

CELLS AND ORGANISATION

BIOLOGY END OF UNIT 2 MOCK

UNIT 2 MOCK FEEDBACK

New Systems of Classification

Classification

Variation and Evolution

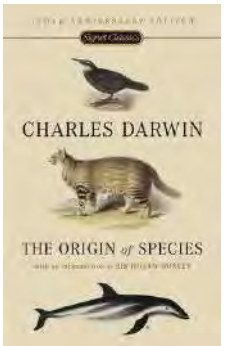
Ethics of genetic technologies

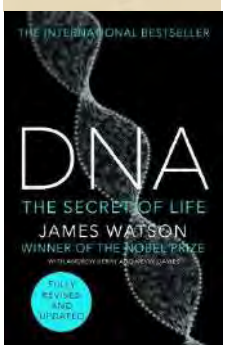
Selective Breeding

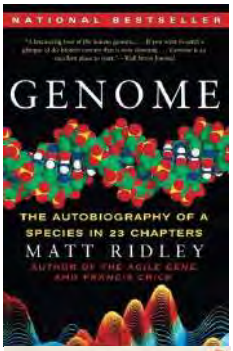
Genetic Engineering

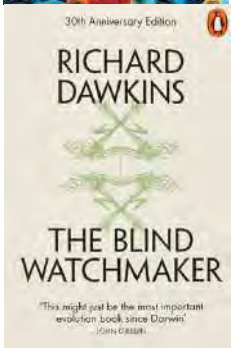
Evidence for Evolution

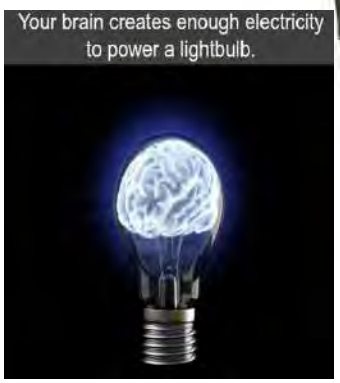
Fossils and Extinction











Combined Physics

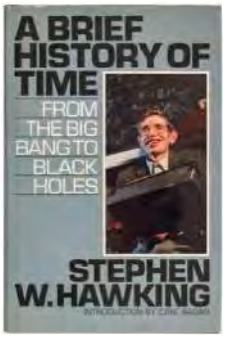
Year 11 Part 1

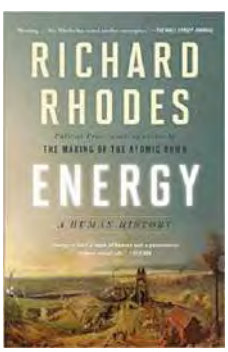
Forces in Action

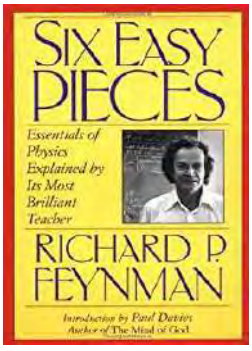
- Parallelogram of Forces
- Resolution of Forces
- Centre of Mass
- Hooke's Law; Forces and Elasticity
- Forces and Braking
- Momentum
- Newton's Third Law: Forces Between Objects
- Weight and Terminal Velocity
- Newtons First Law: Resultant Forces
- Newton's Second Law: Force and Acceleration
- Vectors and Scalars

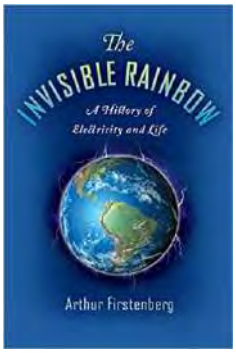
Forces and Motion

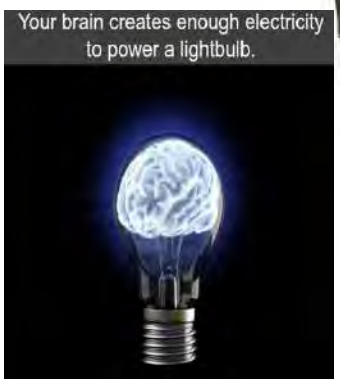
- Analysing Motion Graphs
- Velocity and Acceleration
- Velocity-Time Graphs
- Speed and Distance -Time graphs
- Unit 1 Physics Review;











Combined Physics

Year 11 Part 2

UNIT 1 REVISION: ENERGY AND ENERGY RESOURCES; PARTICLES AT WORK

UNIT 2 REVISION: FORCES; WAVES

UNIT 2 MOCK REVIEW

Electromagnetism: Revision

UNIT 2 PHYSICS MOCK

Magnetic Fields of Electric Currents

The Motor effect

X rays in medicine

Magnetic Fields

Communications

UV, X and Gamma Rays

Radio, Micro, IR and Light Waves

Waves: Electromagnetic Waves

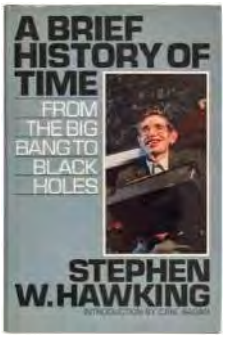
The Electromagnetic Spectrum

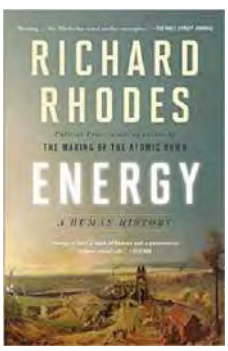
Reflection and Refraction

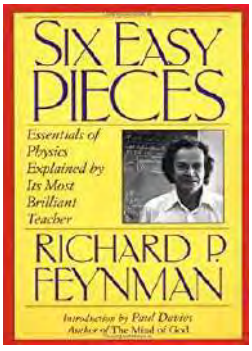
Sound Waves

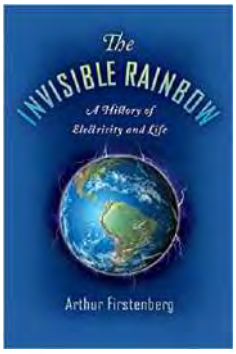
The nature of Waves

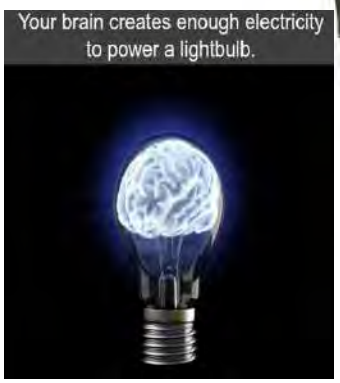
The properties of Waves











Separate Physics

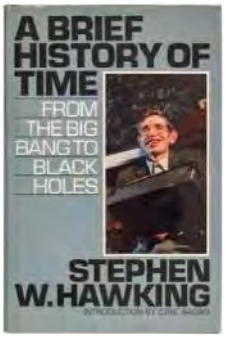
Year 11 Term 1a/1b

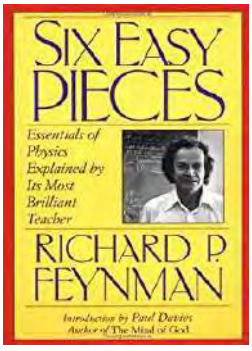
Forces and Motion

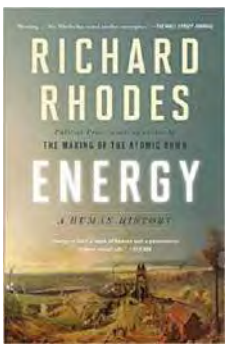
- Forces and Elasticity
- Centre of Mass
- Safety First
- Impact Forces
- Momentum
- Using Conservation of momentum
- Weight and Terminal Velocity
- Forces and Braking
- Newton's Second Law: Force and Acceleration
- Newton's Third Law: Forces Between Objects
- Newtons First Law: Resultant Forces

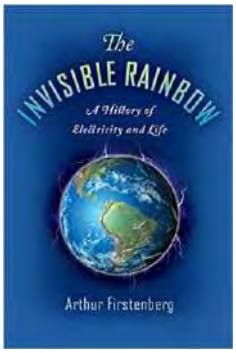
Forces and motion

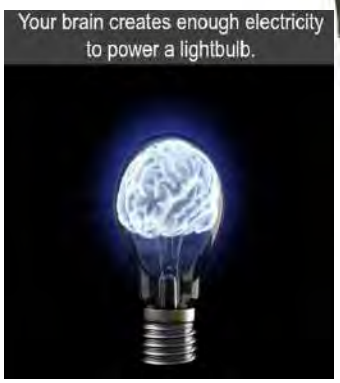
- Vectors and Scalars
- Velocity-Time Graphs
- Analysing Motion Graphs
- Speed and Distance -Time graphs
- Velocity and Acceleration











Separate Physics

Year 11 Term 1b/ 2a

Seismic Waves

Electromagnetic Spectrum

Ultrasound

Wave Properties

Sound Waves

The properties of Waves

Reflection and Refraction

Upthrust and Flotation

Waves: The Nature of Waves

Pressure in liquids

Atmospheric Pressure

Pressure and Surfaces

Forces in Action: Pressure

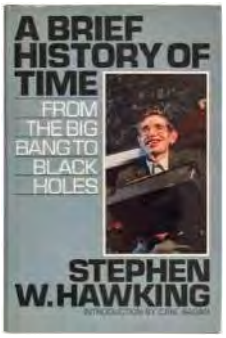
Resolution of Forces

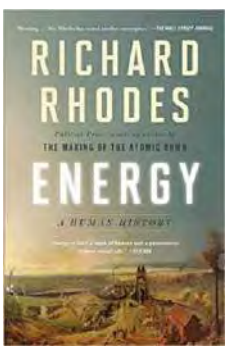
Levers and Gears

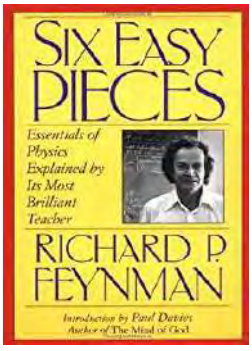
Parallelogram of Forces

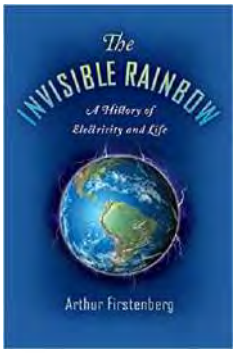
Moments at work

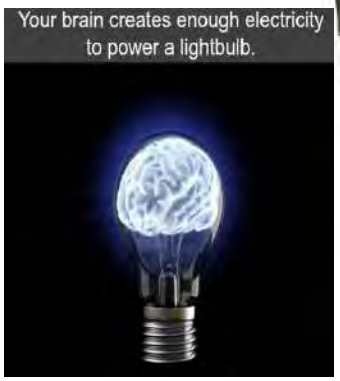
Moments and Equilibrium











Separate Physics

Year 11 Term 2b/3a/3b

Light

Waves Complete

Using Lenses

Lenses

Light and Colour

Refraction of Light

Reflection of Light

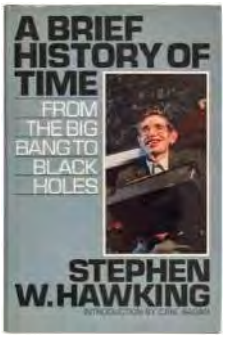
X rays in medicine

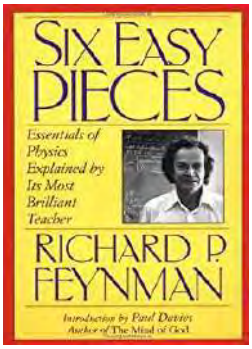
Electromagnetic Waves

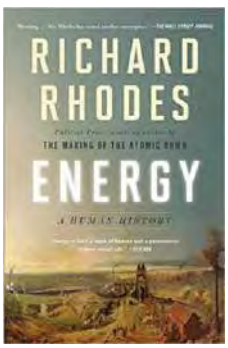
UV, X rays and Gamma Rays

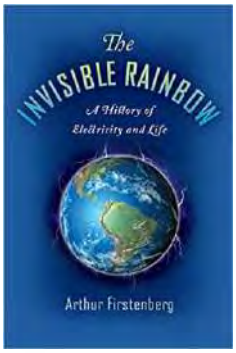
Communications

Light, Infra red, Micro and Radio Waves









Separate Biology

Year 11 Part 1

Hormones and the Menstrual cycle

Artificial Control of Fertility

Human Reproduction

Hormonal Coordination

Treating diabetes

Principles of hormonal control and negative feedback

Control of blood glucose levels

The eye

Common eye problems

Reflex Actions

The brain

Human nervous system

The human nervous system

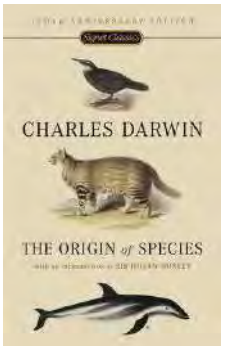
Principles of homeostasis

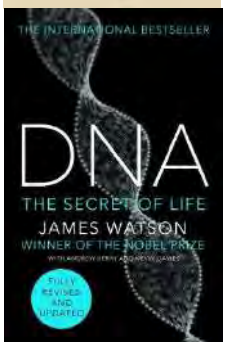
Making Food production efficient

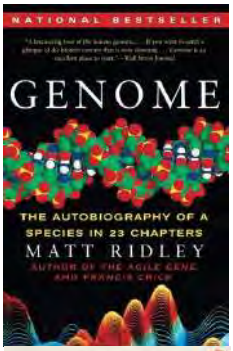
Sustainable food production

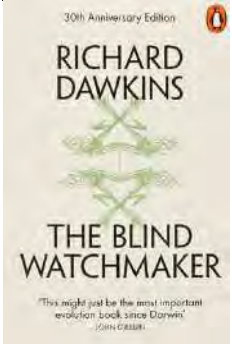
Maintaining Biodiversity

Factors affecting food security









Separate Biology

Year 11 Part 2

Inheritance in action

The history of genetics

Gene expression and mutation

Reproduction

DNA structure and protein synthesis

The best of both worlds

DNA and the genome

Types of reproduction

Cell division in sexual reproduction

Dialysis

Kidney transplants

The human kidney

Homeostasis in action

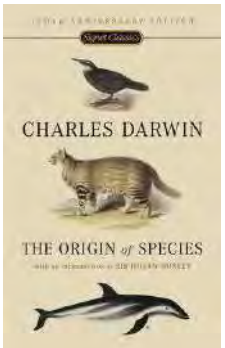
Removing waste products

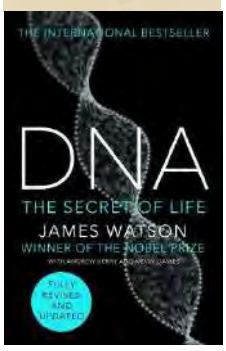
Using plant hormones

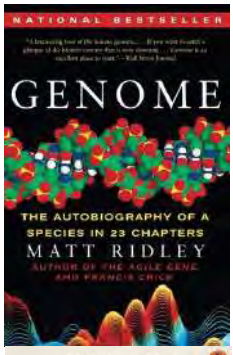
Controlling body temperature

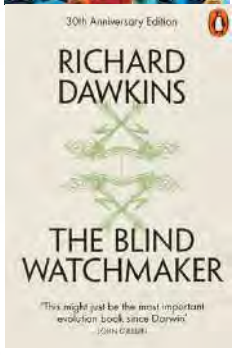
Infertility treatments

Plant hormones and responses









Separate Biology

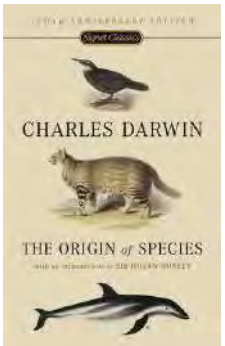
Year 11 Part 3

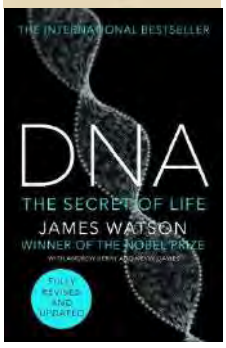
Reproduction

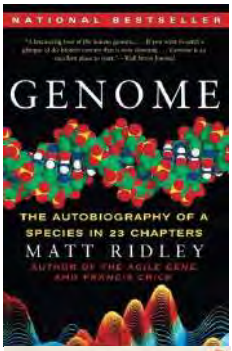
- Ethics of genetic technologies
- Classification
- Adult cell cloning
- Cloning
- Selective Breeding
- Genetic Engineering

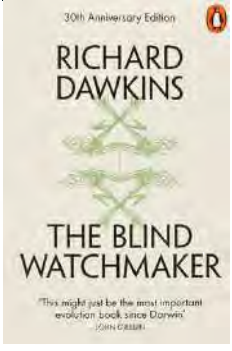
Variation and Evolution

- Evidence for Evolution
- Fossils and Extinction
- Accepting Darwin's ideas
- Evolution and Speciation
- Antibiotic resistant bacteria
- Evolution by Natural Selection
- Variation
- Theories of evolution
- Genetics and Inherited disorders
- Screening for genetic disorders



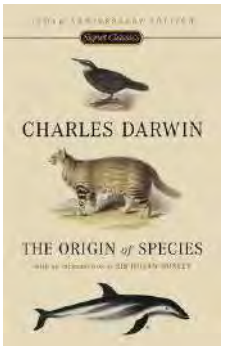


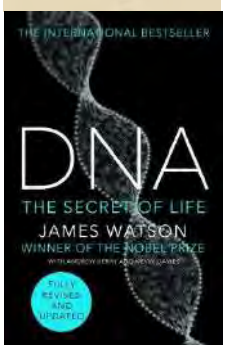


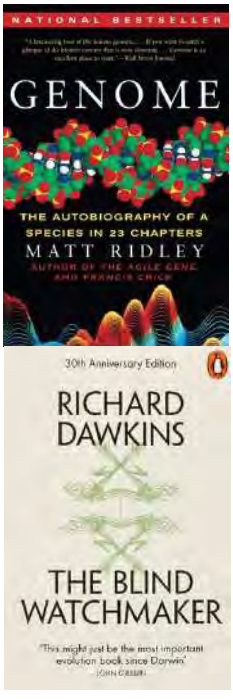


Separate Biology

Year 11 Part 4







BIOLOGY UNIT 2 REVISION

- ECOLOGY
- GENETICS AND REPRODUCTION
- BIOLOGICAL RESPONSES
- PHOTOSYNTHESIS
- RESPIRATION
- PREVENTING AND TREATING DISEASE
- NON COMMUNICABLE DISEASES
- ORGANISING ANIMALS AND PLANTS
- COMMUNICABLE DISEASES
- ORGANISATION AND THE DIGESTIVE SYSTEM

BIOLOGY UNIT 1 REVISION

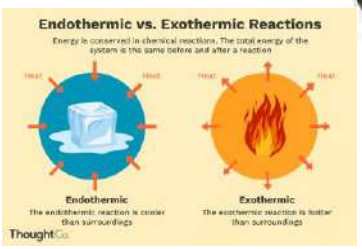
- CELL DIVISION
- UNIT 1 REVISION
- CELL STRUCTURE AND TRANSPORT
- BIOLOGY END OF UNIT 2 MOCK
- UNIT 2 MOCK FEEDBACK

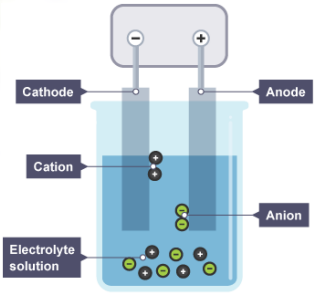
Separate Chemistry

Year 11 Part 1

Organic Chemistry

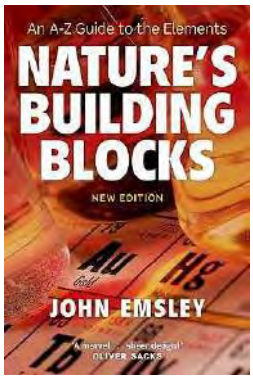
- Fractional Distillation of Oil
- Hydrocarbons

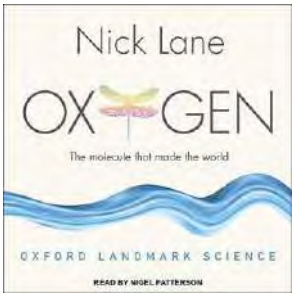


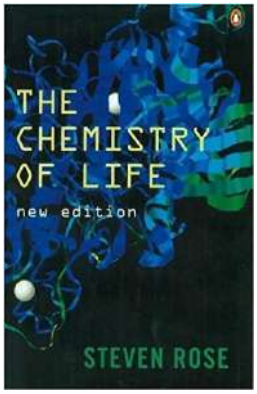


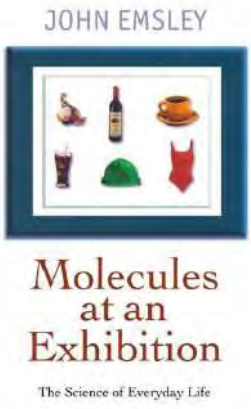
Rates of Reaction

- Altering Conditions
- Dynamic Equilibrium
- Energy and Reversible reactions
- Reversible reactions
- Concentration, Pressure and rate of reaction
- Effect of Catalysts
- Collision Theory and surface area
- Temperature and rate of reaction
- Rate of Reaction



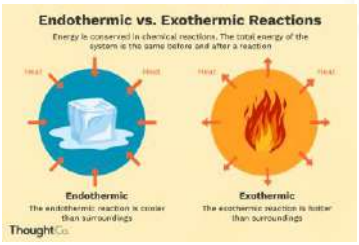


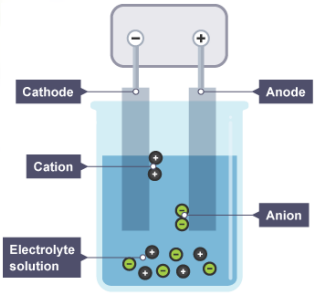




Separate Chemistry

Year 11 Term 2a/ 2b



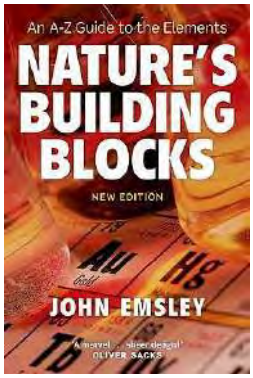


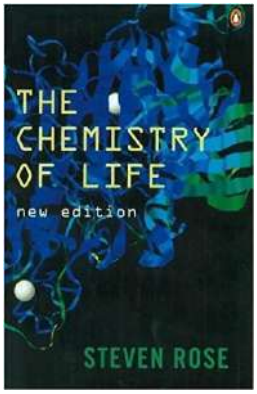
Polymers; Chemical Analysis

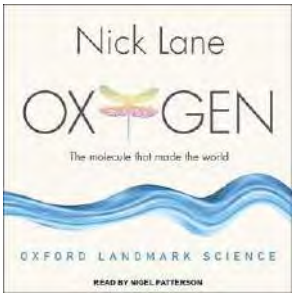
- Evolving Atmosphere
- Greenhouse Gases
- History of our Atmosphere
- Instrumental Analysis
- Tests for Positive Ions
- Tests for Negative Ions
- Natural Polymers
- DNA
- Addition Polymerisation
- Condensation Polymerisation

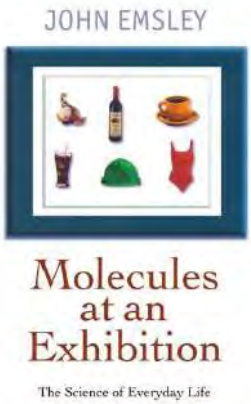
Crude Oil and Fuels; Organic Reactions

- Carboxylic Acids and Esters
- Reactions and Uses of Alcohols
- Reactions of Alkenes
- Structures of Alcohols, Carboxylic Acids and Esters
- Burning Hydrocarbon Fuels
- Cracking Hydrocarbons









GCSE CHEMISTRY UNIT 2 MOCK

UNIT 1 AND UNIT 2 REVISION

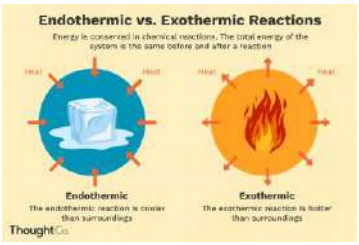
Separate Chemistry

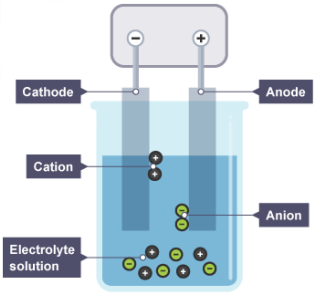
Year 11 Part 3

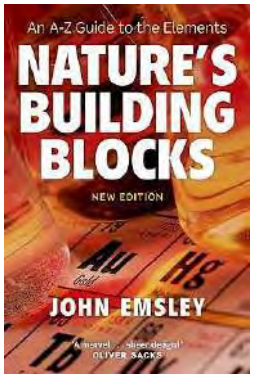
- Making Fertilisers in the Lab and in Industry
- Economics of the Haber Process
- Making Ammonia- the Haber Process
- Properties of Polymers
- Glass, Ceramics and Composites
- Rusting
- Useful Alloys
- Life Cycle Assessments
- Reduce, Reuse, Recycle
- Extracting Metals from Ores

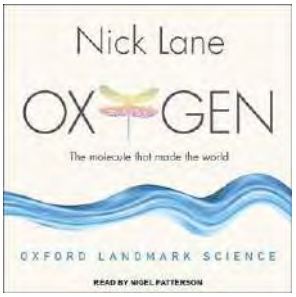
Earth and Atmosphere

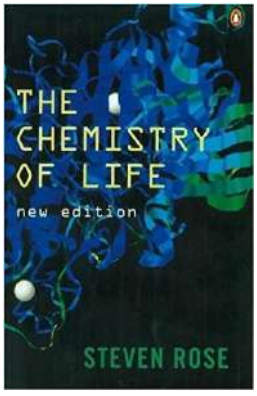
- Treating Waste Water
- Finite and Renewable Resources
- Water Safe to Drink
- Global Climate Change
- Atmospheric Pollutants

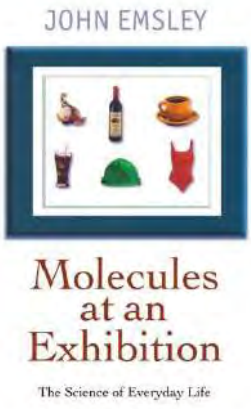












GCSE

Religious Studies

Philosophy & Ethics: Existence of God

Revelation; Visions; Miracles; Religious Experiences; The Design Argument; The Cosmological Argument; The Existence of Suffering; Solutions to the Problem of Suffering

Did you know?

Miracles are events that break the laws of Science.

Catholic Christianity: Beliefs & Teachings

The Trinity; Trinity in the Bible; Creation; Creation & the nature of humanity; The Incarnation; The Paschal Mystery; The Significance of the Paschal Mystery; Eschatology

Did you know?

Christianity began in Jerusalem 2,000 years ago after the birth of Jesus Christ.

Judaism: Beliefs & Teachings

The Almighty; The Shekhinah; The Messiah; The covenant at Sinai; The covenant with Abraham; Sanctity of Life; Moral principles and the Mitzvot; Life after death

Did you know?

Judaism is an Abrahamic faiths, along with Christianity and Islam. They are monotheistic religions (they believe in one God.)

Catholic Christianity: Sources of Wisdom & Authority

The Bible; Interpretation of the Bible; The magisterium; The second Vatican Council; The Church as the Body of Christ; the four marks of the Church; Mary as the model of the Church; Personal & ethical decision making

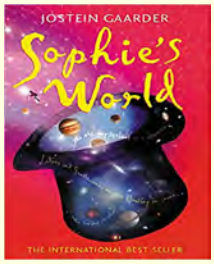
Did you know?

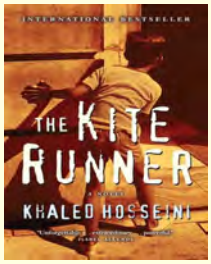
Over 100 million copies of the Bible are sold each year.

Mock exams

Mid module tests; End of module tests; Knowledge Checks; Walking Talking Mocks; Mid Year Mocks (Y10 & Y11), End of Year Mock (Y10)

Reading Books





Philosophy & Ethics: Relationships & Families

Marriage; Sexual Relationships; The Family; Support for the Family; Family Planning; Divorce, Annulment and Remarriage; Equality of Men and Women in the Family; Gender Prejudice and Discrimination.

Did you know?

Marriage is Sacrament through which a covenant is formed between the man and women with God.

Catholic Christianity: Practices

The sacramental nature of reality; Liturgical worship; The funeral rite; Prayer; Forms of Popular Piety; Pilgrimage; Catholic Social Teaching; Catholic mission & evangelism

Did you know?

A total of 70 miraculous healings have been recognised at Lourdes since 1858, when a 14-year-old peasant girl claimed that she had seen the Virgin Mary in a cave

Judaism: Practices

Public acts of worship; The Tenakh & Talmud; Private prayer; The Shema & the Amidah; Ritual and ceremony; Shabbat; Festivals; Features of the synagogue

Did you know?

There are approximately 263,346 Jews in England and Wales. 60% of all UK Jews live in Greater London.

Catholic Christianity: Forms of Expression & Ways of Life

Catholic church architecture; Catholic church features; Sacred objects; Artwork in Catholicism; Sculpture & statues; Symbolism & imagery in religious art; Drama; Music in worship

Did you know?

Early Christians used symbols to avoid detection in the Roman Empire when their religion was still illegal.

GCSE Religious Studies Exams

Exam Board: Edexcel

Catholic Christianity – 50% - 1hr & 45 mins

Judaism – 25% - 50 mins

Philosophy & Ethics – 25% - 50 mins

2024-25

GCSE ART
RPG JOURNEY

COURSEWORK 60%

PROJECT 1 DECAY

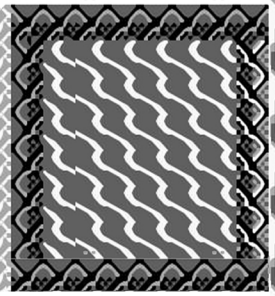
Artist research:

Capriccio Art, Cildo Merelies - babel Sam Taylor Wood, Ozymandias

Group Sculpture based upon The Stacks location in Ready Player One

Portfolio and sketchbook work based upon the Stacks.

2D and 3D media exploration to complete project



PROJECT 2 IDENTITY

Artist research:

Andy Warhol - Gold Marilyn, Glenn Ligon - Runaways, Frida Kahlo, Hyperreality.

Self portrait work, media exploration working towards an independent outcome for y11 mock exam and coursework final piece.

EXAM PROJECT 40%

Project title set by the Edexcel

Work in class towards creating a final piece related to the exam title.

Explore artists related to the title.

Create your own resources/images to work from and develop them towards your final piece.

10 hour exam in school over two days to complete your final piece.

- Year 11 Business Learning Journey -

Intent: Your teacher is preparing the next generation of entrepreneurs by exposing you to the very best of core theoretical and applied material, developing reflective and independent learners who are analytical; curious and open-minded; enabling you to think; make decisions and solve complex problems like real working entrepreneurs.

Autumn

START

1. Training

2. Sources of finance

3. Cash flow

4. Financial terms & calculations

Spring

6. Identifying & understanding customers

5. Financial performance of a business

Nov mock

Low Stakes Test

7. Segmentation

8. market research

9. Elements of marketing mix

Summer

March mock

11. Promotion & Distribution

10. : Product and Price

Exam Revision

Exam

Great Reads

www.tutor2u.net
www.bbc.co.uk
www.bankofengland.co.uk
www.ft.com
www.marketwatch.com
www.theguardian.com

The world's most profitable business is Saudi Aramco, a petroleum & gas company, which earned $105.37 billion in 2022. Apple is 2nd at $95.68.

Car companies and Cereal makers spend the most advertising on TV.

Cash flow is responsible for as much as 82% of all small business failures.

More than **99.9% of all UK businesses** are small to medium-sized, meaning they have 250 or fewer employees.

The number of businesses per person (business density) is higher in southern England than elsewhere in the UK.

Bernard Arnault, CEO of Louis Vuitton is the world's richest man worth $215b

GCSE Computer Science: Learning Journey

Recommended reading

Data representation

How computers represent numbers, text, images and sound using binary. The binary, decimal and hexadecimal number systems. Units of information. How data can be compressed to use less storage space.

Computer systems

Systems architecture. Boolean logic and logic circuits. Classification of software. Classification of programming languages and translators.

Cyber security

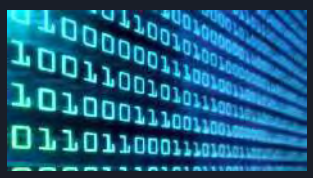
Cyber security threats including social engineering and malware. Methods to detect and prevent cyber security threats.

Networks

Advantages and disadvantages of computer networks. Types of computer network. Common network protocols. The TCP/IP model. Network security methods.

Advanced programming

Using subroutines in programs. Local vs global variables. Data structures: records. Using named constants in programs.



Programming

Inputs and outputs. Creating and using variables. Selection and iteration programming structures. String handling.

Further programming

Using random numbers. Data structures: arrays. Robust and secure programming.

Databases

Relational databases and database concepts. Writing programs to manipulate databases with SQL (Structured Query Language).

Algorithms

The concept of an algorithm. Well-known algorithms for searching and sorting. Write simple algorithms and determine the purpose of given algorithms. Compare the efficiency of algorithms. The principles of abstraction and decomposition.

Revision

Preparation for GCSE exams - including revision of all previously-studied topics.

GCSE Assessment

There are two exam papers sat at the end of Year 11, each marked out of 90 and is worth 50% of the GCSE. *Paper 1: computational thinking and programming skills* assesses the topics related to programming and algorithms; *Paper 2: computing concepts* assesses the topics of data representation, computer systems, cyber security, networks and databases.

Design & Technology
Year 11 Learning Journey

Remember – Understand – Apply – Analyse – Evaluate - Appraise

Exam board AQA Exam is worth 50% - NEA is worth 50%

GCSE Design and Technology will develop you skills in working with graphic design, paper and card and your knowledge of Design and Technology across a range of materials including textiles, electronics, timber but especially paper and boards. You will explore iterative designed concepts, review a range of past designs and designers, develop your drawing skills and find out about new and emerging technologies such as Laser cutting, 3D printing and smart materials. The NEA is a non-examined assessment which is similar to course-work. It will be worked on in lessons under teacher supervision but can be done at home. Students will have the final half term of year 10 and completed spring half term in year 11. It combines planning, designing, drawing and making skills in a final product. Topics change every year and are released by AQA on June 1st.

2020 are – Multifunctional living, Teenage lifestyle, Nature and the Environment.

Summer Half term

Technical terms | Mini TEST | Maths Questions | Study leave | Past papers | Knowledge organisers | Onlien Revision | GCSE EXAM

Technical terms
CMYK, PDF, tolerance, stock forms, sustainable, finite, planned obsolescence, non ferrous metal, production aid, jig, standard component, stock form, quality control, technology push, yarn

Senecaonline.com
Bbcbitesize
Technologystudent.co

Command words
State
Define
Outline
Explain
Describe
Discuss
Assess/ Evaluate

- Short Answers
- Extended answers

- Short answer questions (1 &2 marks)
- Extended response (4 – 10 marks)
- Focus on materials & products
- Chose "Graphics" materials

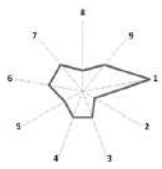
- Multiple choice (1 mark)
- Short answer questions (2 marks)

C = 50 Designing and making principles | **B =30** Specialist technical principles | Exam Technique | Mini TEST | **A = 20** Core technical principles | Full Time Revision

- Redesigning
- Research
- Drawing techniques
- Maths question

- Papers & Boards
- Printing techniques
- Manufacturing paper and card

- All Materials
- Manufacture
- Forces
- Energy



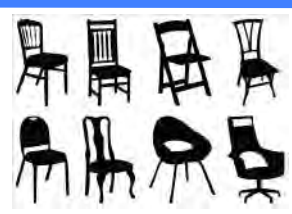
Easter Holiday

Spring Half term

First Draft NEA | Modifications | Photographs of final piece | Finalising Power point | NEA Finished =100

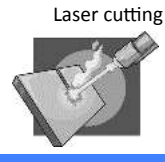
AQA

Related product analysis



Research Analysis

Laser cutting



Testing
Drawing

F- Analysis & Evaluation | Finalising Prototype | QCC | Making | Mock Exams | Christmas Holiday

Product Evaluation
Product Specification

CAD CAM

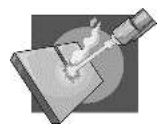
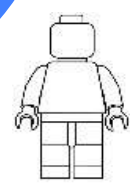


Photo Story of making

Autumn Half Term

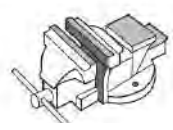
D – Developing Design ideas | Materials & Manufacture | Making Prototype | E – Realising Design ideas



Modeling

Plastics

Timber

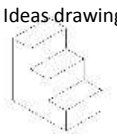


Metals

Paper and Card

Drawing

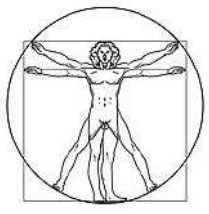
Design Ideas drawing



Market Research

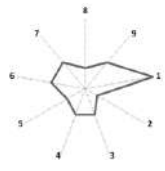
C- Generating design ideas | B- Write design brief & specification | A- Investigating the design context

September 11



Research Analysis

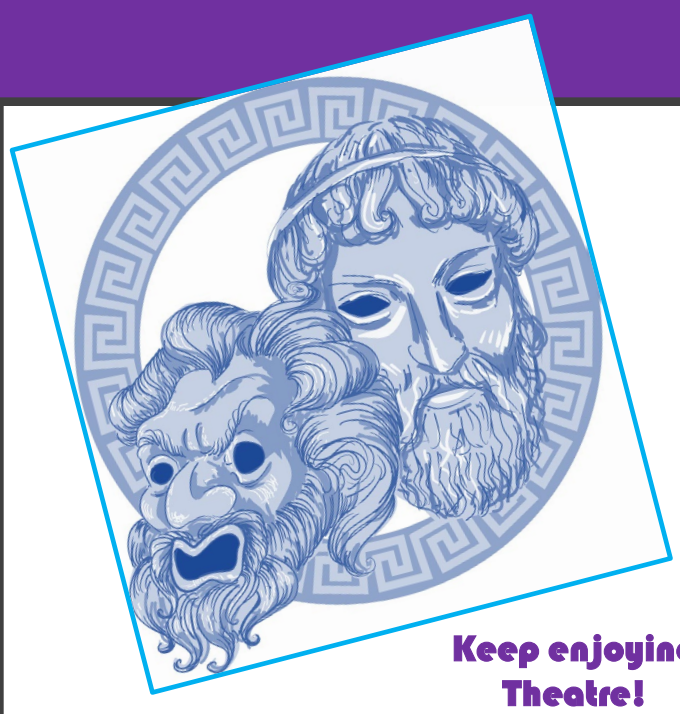
Design Brief



AQA

1st June NEA topics Released Y10

GCSE Drama Learning Journey



Keep enjoying Theatre!

Trinity Sixth Form
A level Drama and Theatre Studies

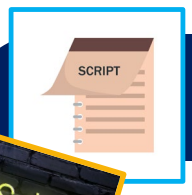
College for vocational training in theatre

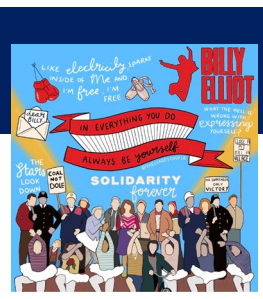
Sit final written Examination

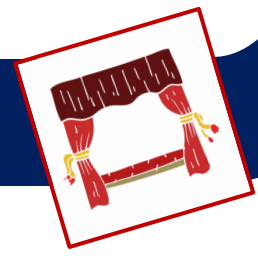
May

Final Revision for written examination: Theatre roles Terminology, A Taste of Honey and Billy Elliot, The Musical.

AQA Component 3:Texts in Practice NEA: The rehearsal and presentation of scripted extracts from a play in a group or as a solo performance.







Complete Devising Log NEA: Written essay about the process of making and performing your piece of political theatre: 30% of GCSE

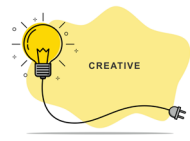
FEB MOCK WRITTEN EXAM

Plays in the style of Political Theatre

AQA Component 1: Understanding Drama - Written examination. Questions on: Theatre Roles and Terminology and A Taste of Honey.

Revision for mock written examination: Theatre roles and Terminology, A Taste of Honey and Billy Elliot, The Musical.

Devising Theatre NEA:
The creation and performance of a play in a group, inspired by a stimulus.

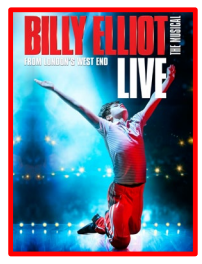


YEAR 11

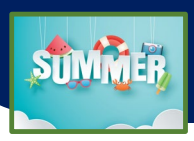
Political Theatre Practitioner Bertolt Brecht

END OF YEAR ASSESSMENT

Live Theatre Production: Billy Elliot, the Musical . Understanding how the play has been interpreted in performance.



AQA Component 1: Understanding Drama - Written examination. Questions set on the areas of design covered (Q1) and performance skills you would use to act out a moment from the play (Q2)



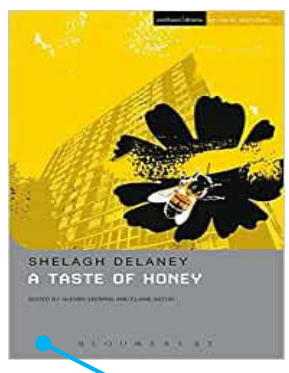
MID YEAR ASSESMENT

Immerse yourself in the 1950s: films, music, fashion & attitudes

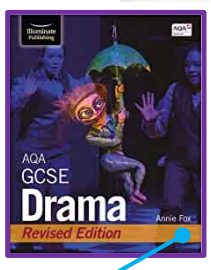
YEAR 10

A Taste of Honey is studied from the perspective of transforming it from page the stage. You will explore the play developing ideas as a director, designer and a performer

Practical lessons in the first term will focus on building collaboration skills. This will include concentration and trust exercises to build confidence and to help establish a strong group dynamic



A Taste of Honey by Shelagh Delaney



Essential Reading

WE MUST ALL DO THEATRE TO FIND OUT WHO WE ARE AND TO DISCOVER WHO WE COULD BECOME

- Year 11 Economics Learning Journey -

Intent: "To prepare the next generation of economists by exposing students to the very best of core theoretical and applied material, developing reflective and independent learners who are analytical; curious and open minded; enabling them to think; make decisions and solve complex problems like real working economists.

Autumn

START

1. Economic growth
2. Low unemployment
3. Fair distribution of income
4. Price stability
5. Fiscal policy
6. Monetary policy

Spring

Mock

7. Supply side policies
8. Limitations of markets
9. Importance of international trade

Link with geography

Summer

10. Balance of payments

Mock

11. Exchange rates

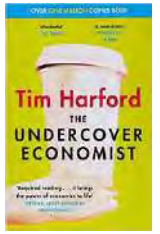
Link with geography

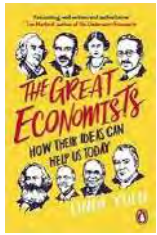
12. Globalisation

Exam Revision

Exams

Great Reads





www.tutor2u.net
www.econtalk.org
www.bankofengland.co.uk
www.economicshelp.com

Capitalism did best between the 1950s and the 1970s, an era of high regulation and high taxes

The internet was invented by the US government, not Silicon Valley

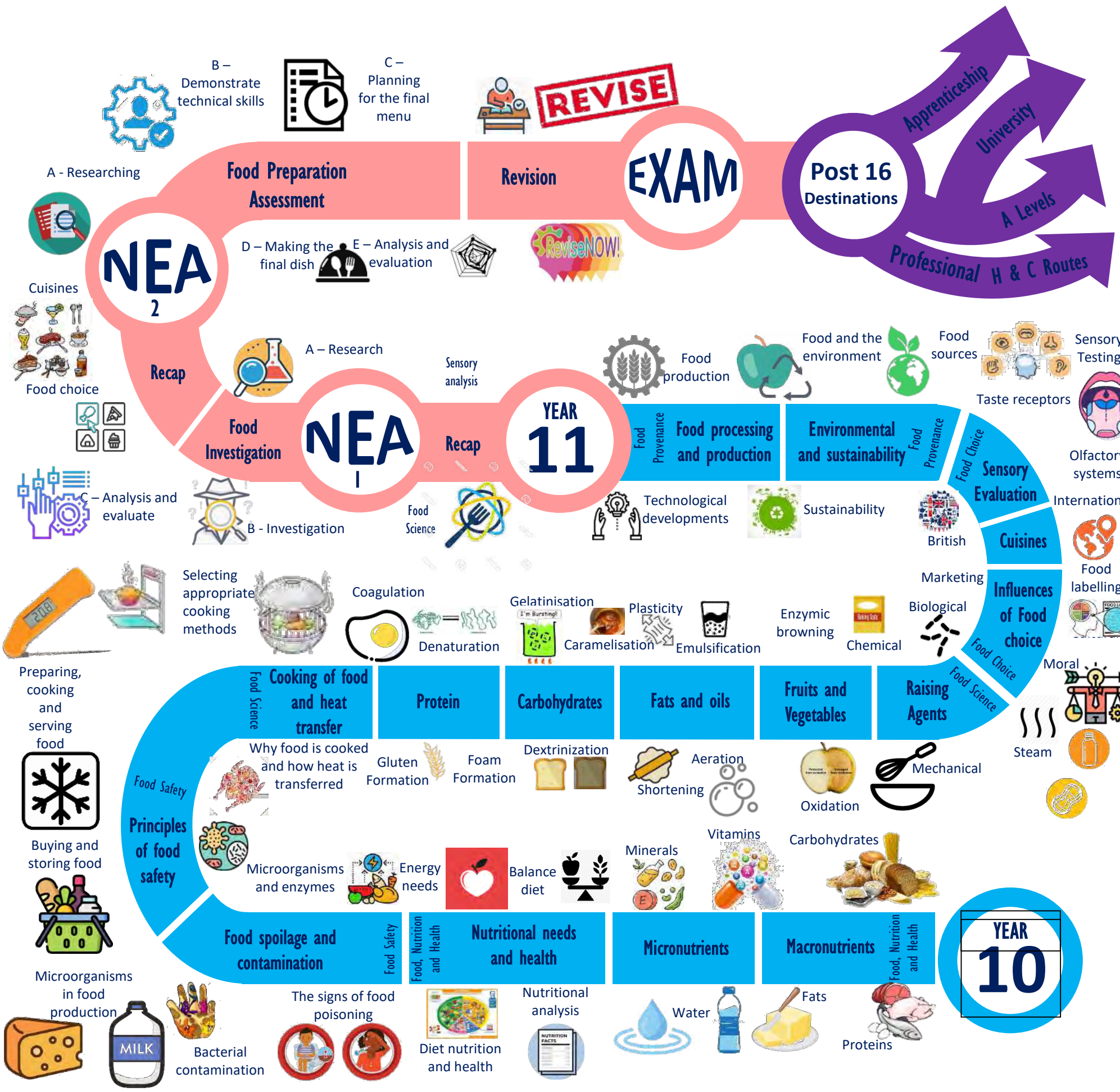
Low Stakes Test

Economics has been defined as "the study of scarcity and choice"

There is no single economic theory that can explain Singapore's economy

KS4 FOOD LEARNING JOURNEY

AQA FOOD PREPARATION AND NUTRITION



29 countries around the world have French as their official language

ORGANISATION INTERNATIONALE DE la francophonie

Learning French offers a lot of job opportunities, such as working in a company, engineering… What's your dream job ?

AQA

Year 11 French Learning journey

Themes

1. Identity and culture
2. Local, national, international & global areas of interest
3. Current and future studies and employment

Module 6

Au collège

My school
Rules
Exchanges

Mock exams December

GCSE French

- *25% reading*
- *25% listening*
- *25% writing*
- *25% speaking*

Mock speaking January

The Louvre is the biggest museum in the world in terms of artefacts and visitors

Module 7

Bon travail !

Career choices
Hopes and wishes
Applying for jobs

London is considered to be the 6th biggest French speaking city in the world with 250000 French people living there

2nd Mock exams March

Module 8

Un oeil sur le monde

Ecology
Ethics
Solidarity

GCSE exams May/June

A-levels

La nourriture française

Practise French at https://languagesonline.org.uk

GCSE Geography learning journey

"Geography illuminates the past, explains the present and prepares us for the future. What could be more important than that?" Michael Palin

Further Reading:

Geofiles
World Wise Magazine
BBC News

Revision Help:

Ask your teacher
Knowledge Organisers
Check 20s
CGP revision guide
Textbook
Kerboodle
Seneca
Time for Geography
Cool Geography

YEAR 11

SUMMER

- Sit Geography GCSE exams
- Continue with Revision

AUTUMN

- PAPER 3 PRE-RELEASE ISSUED
- In-class revision starts
- URBAN ISSUES AND CHALLENGES
- Paper 2 Mock
- THE CHANGING ECONOMIC WORLD
- Walking Talking Mock and practice the pre-release (Paper 3)

SPRING

- Y11 Parents Evening
- Paper 1 and Paper 3 Mock
- Have a relaxing summer and get prepared for Y11!
- Start studying for Paper 2: Challenges in the Human Environment
- THE CHALLENGE OF RESOURCE MANAGEMENT
- Summer Geography Mock

YEAR 10

AUTUMN

- Choose Geography as one of your GCSE options
- Transition Lessons focusing on tropical rainforests and the pre-release booklet
- Start studying for Paper 1: Living with the Physical Environment
- GLACIAL LANDSCAPES
- CLIMATE CHANGE
- COLD ENVIRONMENTS

SPRING

- January Mock for topics covered so far
- ECOSYSTEMS
- RIVER LANDSCAPES
- Y10 Parents Evening
- Fieldtrip for Paper 3
- FIELDWORK WRITE-UP

SUMMER

- NATURAL HAZARDS
- TECTONIC HAZARDS

GCSE HISTORY Learning Journey

Unit 3: GERMANY 1890-1945 Democracy and Dictatorship

Part 1:

Germany and the growth of democracy 1890-1923

- Kaiser Wilhelm and the difficulties of ruling Germany.
- The impact of WWI.
- Weimar democracy.

Part 2:

Germany and the Depression 1929-1934

- The impact of the Depression and the growth in support for the Nazi Party.
- The failure of Weimar democracy.
- The establishment of Hitler's dictatorship.

Part 3:

The experiences of Germans under the Nazis 1933-1945

- Economic changes.
- Social policy and practice.
- How Hitler kept control.

Exam Questions:

Q1 – Q3 will be based on two written interpretations. The authors of these interpretations will have been present when an event took place, but they will have written their interpretation of the event a number of years later.

Q1. How do the interpretations differ?

Q2. Why do the interpretations differ?

Q3. Which interpretation is most convincing?

Q4. Describe – you will need to describe two key features or characteristics of a topic you have studied.

Q5. Explain – you will need to explain in what ways a group or development was affected by something.

Q6. Evaluate – you must write an essay weighing up two bullet points. They might be causes (e.g. which played the most important role in causing a development) or consequences (e.g. which was affected most by…)

GCSE HISTORY
Learning Journey

CONFLICT AND TENSION BETWEEN EAST AND WEST 1945-1972

Part 1:

The Origins of the Cold War

- Events at the end of WWII
- Relations between world superpowers in 1945
- The development and evolution of East-West rivalry
- The significance of events in Asia

Part 2:

The Development of the Cold War

- Military rivalries
- Uprising in Hungary
- Spies
- Possibility of peace?
- The division of Berlin and the building of the wall
- JFK in Berlin

Part 3:

Transformation of the Cold War

- Tensions over Cuba
- The Cuban Missile Crisis
- Consequences of the Crisis
- Prague Spring
- East-West relations after events in Czechoslovakia
- Brezhnev Doctrine

Exam Questions:

Q1. Source A supports… how do you know? (4 marks)

Analyse the content of the source and the provenance.

Q2. How useful are sources A and B…? (12 marks)

Refer to both sources and analyse usefulness in terms of contextual knowledge.

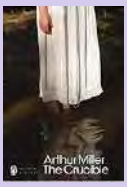
Q3. Write an account of… (8 marks)

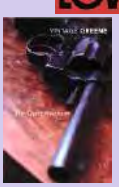
Focus on explaining cause and consequence. Describe, explain and analyse how an event or situation came about.

Q4. Quotation given. How far do you agree with the statement? (16 marks + 4 SPaG)

Develop arguments in support of the quotation and also counter-arguments to show the extent to which you agree and then make an overall judgement.

ADDITIONAL READING





GCSE MEDIA STUDIES

YEAR 11

LEARNING JOURNEY

TERM 1A

SEP-OCT

NEA Coursework

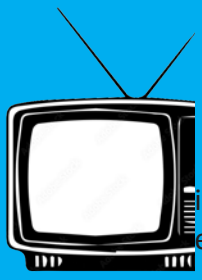
A unit which requires students to create print media productions in one of two available briefs. This unit is worth 30% of the overall GCSE qualification.

TERM 1B

NOV-DEC

2A Television

An in-depth study of the television industry. A focus text is used to study television - Luther and this compared to an old-media product in the same genre - The Sweeney.



TERM 2A

JAN-FEB

2b Music

An investigation into the music industry studied through a focus on two set music videos and their artists' websites along with a study of an older music video to compare them to.

TERM 2B

FEB-APR

Revision

An revision unit which covers all of the Year 10/11 content in preparation for the end-of year public exams.

TERM 3A

APR-JUN

Revision Unit

An revision unit which covers all of the Year 10/11 content in preparation for the end-of year public exams.

TERM 3B

JUN-JULY

Course Complete

Music GCSE Learning Journey

Performing: 30% =4 mins	Composing: 30% = 3 min	Exam; Listening & Appraising 40%
1 solo piece **1** ensemble piece **(60 marks)**	1 student set brief 1 exam board set brief. **(60 marks)**	Section A: short Q's on Set works Section B: Comparative essay **1hr 45min (80 marks)**

Year 10: Autumn term

Course content

Analysis of set works and related background.

Instrumental Music 1700-1820 *(Bach: Brandenburg Concerto no 5 3rd movement & Beethoven: Piano Sonata no 8 1st movement)*

Skills used:
Performance: Building on instrumental/vocal skills through solo performance practise.
Compositional: exploring melodic writing, chord sequences and simple structure.
Analytical: identifying instruments, keys, chords and devices.

Links:
Baroque period: Historic Europe in the 18th Century, the role of the musician, art,

Year 10: Spring term

Course content

Analysis of set works and related background.

Vocal Music
(Purcell: Music for a While & Queen: Killer Queen)

Links:
Drama, historical, cultural and social context of baroque and rock music.

Skills used:
Performance: use instruments/voices to perform sections from set works.
Compositional: start with ideas for composition 1
Analytical: identifying instruments, text setting devices, vocal techniques.

Year 10: Summer term

Course content

Analysis of set works and related background. Essay writing.

Music for Stage and Screen
(S. Schwartz: Defying Gravity & J Williams: main title/Rebel blockade runner from Star Wars

Skills used:
Performance: preparation for solo performance.
Compositional: finalise composition 1 and complete. (15%)
Analytical: identifying instruments, compositional devices, the theme/story of each set work.
Essay skills.

Links:
Theatre, Classical and romantic orchestra, Media, English script writing.

Year 11: Autumn term

Course content

Analysis of set works and related background.

Fusions
(Afro Celt Sound System: Release & Esperanze Spalding: Samba Em Preludio)

Skills used:
Performance: Recording of Solo & Ensemble performance **(30%)**
Compositional: work on Set brief composition
Analytical: identifying instruments, compositional devices, cultural features.

Links

Geography

Cultural & social contexts.

Year 11: Spring term

Revision/Exam technique/ Listening exam practise/mock exams

Record Composition 2 Set Brief

Trinity Catholic High School GCSE PE Learning Journey

A Level PE
Sports scholarship

Examination

There are two papers for GCSE PE., both of which are one hour written.
Paper 1 covers Applied Anatomy & Physiology and Physical Training.
Paper 2 covers Socio-Cultural Influences, Sports Psychology & Health, Fitness & Well-Being.

Final Preparation

Practical moderation and revision for final exams

SCAN HERE to see the OCR GCSE PE specification and the content you will cover in more detail.

SCAN HERE to see the requirements for the Practical Criteria and the Analysing & Evaluating Performance criteria.

Sport Psychology

Learners will understand the psychological factors that can affect performers. Learners will also develop knowledge of the characteristics and classification of skilful movements, along with goal setting, guidance and feedback, and mental preparation.

AEP Coursework Task – 10% of final Marks, comprehensive written document completed in class

Mock exams 2 full exam papers

Predicted practical grades

Ethical & Socio-Cultural Issues

Learners will understand the ethics in sport including sportsmanship, gamesmanship and deviance. The effects of drugs in sport and why performers take them will be understood along with reasons for player violence.

Diet & Nutrition

Learners will develop an understanding of the main components of a balanced diet, including the effects of these components and hydration on performers.

Commercialisation

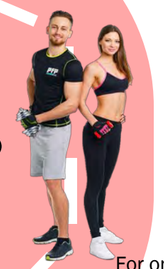
Learners will develop an understanding of commercialisation in sport, along with the positive/negative influences of media on participation and performances in sport.

Physical Activity & Participation

Learners will develop their knowledge and understanding of current participation trends, factors affecting participation and strategies to promote participation across a range of different groups in society.

Health, Fitness & Well-Being

Learners will understand the benefits of participating in physical activity to health, fitness and well-being. Learners will know about the physical, emotional and social benefits as well as the consequences of a sedentary lifestyle.



Year 10

Anatomy & Physiology

Students will learn about the structure and function of the skeletal, muscular, cardiovascular and respiratory systems and the effects of exercise on these systems. Students will be able to analyse movements demonstrating knowledge of levers and planes of

Physical Training

Learners will develop their knowledge and understand of the components of fitness required for physical activities and how each can be measured, be able to apply training principles to training programmes, along with knowing how to optimise training and prevent injury.

GCSE Physical Education Breakdown

Examination – 60%
Practical Assessment – 30%
Analyse & Evaluate Performance – 10%

Practical Assessment (30%)

For GCSE PE, you will be assessed in 3 sports, with a maximum of 2 from either the Individual or team category.

You will need to keep a competitive logbook of all the events that you do within your chosen sports. Your teacher will assess you in these sports. Any 'off-site' sports will need video evidence.

The list of available sports and more information of off-site video evidence can be found by scanning the QR Code above.

Analyse & Evaluate Performance (10%)

For one of your chosen sports, you will need to create a piece of coursework to demonstrate your ability to analyse and evaluate their own performance.

Learners will need to include:
- Analyse aspects of personal performance in a practical activity.
- Evaluate the strengths and weaknesses of the performance.
- Produce an action plan which aims to improve the quality and effectiveness of the performance.

Scan the QR Code above to find out more information.

GCSE PSYCHOLOGY Learning Journey

UNIT 5 – Social Influence

Topic 1

Conformity

- Why do people conform?
- Reasons for conformity ISI/NSI
- Research studies in conformity; Asch line study
- Social and dispositional factors that explain conformity
- - Group size
- Anonymity
- Task difficulty
- Personality
- Experience

Exam questions format:

Explain how personality can affect conformity [3 marks].

Topic 2: Obedience

- What is obedience? How is it different to conformity?
- Why do people obey?
- Factors affecting obedience?
- Authority
- Culture
- Proximity

Studies/ Theories of obedience;

Milgram's study
Milgram's agency theory
Adorno's theory of dispositional factors

Topic 3:

Prosocial behaviour

- What is prosocial behaviour?
- What factors might increase the likelihood of bystander behaviour? What factors might decrease the likelihood of prosocial behaviour?
- Presence of others
- Cost of helping
- Similarity of the victim
- Experience
- Studies into prosocial behaviour
- Piliavin's subway study

Exam questions format: Describe and evaluate Milgram's agency theory [9 marks]

Topic 4:

Crowd and collective behaviour

Exam questions format:

Outline how expertise can affect bystander behav [3 marks]

- How do people act in a crowd?
- What is antisocial behaviour?
- What is deindividuation?
- Factors affecting crowd and collective behaviour.
- Social loafing
- Culture
- Personality
- Morality

Studies in crowd collective behaviour
Reicher's study

Exam questions format:

Describe and evaluate one study that investigated crowd behaviour [6 marks]

GCSE PSYCHOLOGY Learning Journey

UNIT 6 – Language thought and communication

Topic 1

Piaget's theory: Language depends on thought versus Sapir Whorf hypothesis

- **An ongoing debate: What comes first language or thought? Piaget argues that language is influenced on our though. Here we will examine the stages of development in closer detail with how language is also developed. In contrast Sapir Whorf argues that thinking depends on language.**

Exam questions format:

Piaget's view claimed that language depends on though. Describe and evaluate the relationship between language and thought according to Piaget [9 marks]

Topic 2: Human and animal communication

In this topic students will explore the differences between human and animal communication.
Key studies include Von Frisch's bee study and studies in how animal factors such as survival, reproduction and territory and food.

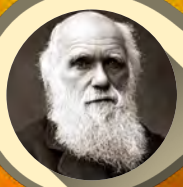
Exam questions format:

Identify four functions of animal communication [4 marks]

Topic 3: Non-verbal communication

In this topic students will examine the four factors that make up or NVC: eye contact, body language and personal space.

In this topic students will be exploring Darwin's evolutionary theory of how NVC is a product of evolution. The theory of NVC being a product of learned behaviour is also explored within this topic.



Exam questions format:

Explain how research into neonates can be used to support the theory that non-verbal behaviour is innate.

Topic 4:

Yuki's study of emoticons

Yuki's study explored if humans interpret facial expressions in the same way across the world. He conducted a study to test if there is a difference between how people from Japan and United States interpret emoticons. This is a key study.

Exam questions format:

Describe what Yuki's study of emoticon show us about non-verbal communication [6 marks]

GCSE PSYCHOLOGY
Learning Journey

UNIT 7 – Brain and neuropsychology

Topic 1

Structure and function of the nervous system

In this topic students will explore the structure of the nervous system. This includes the subdivisions of the human nervous system the CNS and ANS.

Students will learn about the autonomic nervous system as well as the features involved in the fight or flight response. Students will link the physiological effects of the body to explain emotion by exploring the James-Lange theory of emotion.

Exam questions format:

'Explain the structure and the function of the autonomic nervous system [4 marks]

Topic 2:

Neuron structure and function

Students will need to consolidate their knowledge of the structure of a sensory, relay and motor neuron. Synaptic transmission will be explored.

Hebb's theory of learning will be introduced and students will learn one of the amazing feature of the brain and that is the plasticity of the brain.

Exam questions format:

Describe and evaluate Hebb's theory of learning. [9 marks]

Topic 3:

Structure and function in the brain

Our knowledge of the structures of the brain will be revisited from GCSE Science and in detail each structure of the brain will be explored the frontal lobe, parietal lobe, occipital lobe, temporal lobe and the cerebellum as well as their features will be studied. Students will have an ever closer look of the function of the brain by exploring localisation of functions. The motor area, somatosensory area, visual area, auditory area and language area will be explored.

Topic 4:

An introduction to neuropsychology

Cognitive neuroscience is the scientific study of how biological structures such as areas of the brain, influence or control mental processors. Students will explore what will happen if there is neurological damage to various areas of the brain and the consequences that will have. For example, damage to the Broca's area will lead to damage to speech production.

Students will explore the different scanning techniques neuroscientists use to study the brain, CT scan, PET scan and fMRI scan as well as their strengths and limitations. Interesting studies such as Tulving 'gold' memory study and Penfield epilepsy study will be explored.

Exam questions format: Use your knowledge of localisation of function to explain what would happen if a person damaged the language areas of their brain [4 marks]

GCSE PSYCHOLOGY
Learning Journey

UNIT 8 – Psychological problems

Topic 1

Introduction to mental health

In order for students to understand mental health and the reasons for psychological problems, students first need to be up-to-date with the latest statistics of mental health problems.
In this topic students will also understand how time changes our understanding of mental heath.

Exam questions format:

'Mental health problems have less of a social stigma than they did in the past'. Outline what is meant by this statement. [3 marks]

Topic 2:

Depression

Students will explore the difference types of depression.
- **Clinical depression**
- **Sadness and depression**
- **Unipolar depression**
- **Bipolar depression**

Students will explore how to diagnose depression using ICD-10.

Theories of depression: Students will learn a theoretical approach to reasons why people become depressed: biological and psychological explanation:

1. **Biological explanation explore the role of neurotransmitters. This explanation argues that depression forms due to imbalance of serotonin.**

2. **Psychological explanation argues the reason why people develop depression is because of faulty thinking, negative schemas and attributions.**

Lastly, within this topic students will learn the different methods of treating depression. Antidepressant medication and Cognitive behaviour therapy.

Exam questions format:

Briefly outline what are the two treatments to treating depression [9 marks]

Topic 3: Addiction

Students will be able to define addiction and methods of diagnosing addiction.

1. **Students will explore the biological explanation that argues addiction has hereditary factors. Kaij's twin study of alcohol abuse will be explored.**
2. **Students will explore the psychological explanation that argues addiction is influenced by peer influence and that it is mainly an example of learned behaviour.**

Lastly, students will explore the treatment methods for addiction. Aversion therapy and self-management will be explored.

Exam questions format: With reference to an addiction explain what self-management programme involves. [4 marks]

Year 11 Spanish Learning Journey

Translation, reading literary texts

Themes

1. Identity and culture
2. Local, national, international & global areas of interest
3. Current and future studies and employment

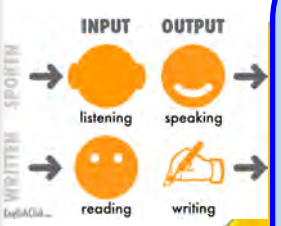
Module 5— Ciudades

- Talking about places in a town
- Describing the features of a region
- Planning what to do
- Shopping for clothes and presents
- Talking about the problems in a town
- Grammar: se puede(n), the future and conditional tenses, demonstrative adjectives

Module 6 — De costumbre

- Describing mealtimes and daily routines
- Talking about illnesses and injuries
- Discussing typical foods and ordering food
- Comparing different festivals
- Describing a special day
- Talking about a music festival
- Grammar: the passive and avoiding it, reflexive verbs in the preterite, absolute superlatives, expressions followed by an infinitive

November - Mock Exams - Listening, Reading & Writing



You will be able to...

- **understand and express ideas in spoken and written Spanish**
- **develop transferable language skills in listening, speaking, reading, translation and writing**
- **develop a core of grammatical knowledge**
- **deepen your understanding of other cultures**
- **open up future career paths**
- **prepare yourself for future holidays in Spanish-speaking countries**

Module 7— ¡A currar!

- Discussing job preferences
- Talking about how you earn money
- Talking about work experience
- Discussing the importance of learning languages
- Applying for a summer job
- Discussing gap years
- Discussing plans for the future
- Grammar — soler in the imperfect tense, using the preterite and imperfect tenses together, present, present continuous, conditional tenses, indirect object pronouns, using the subjunctive with cuando

January — Mock Exam

A-Levels

General conversations

April — GCSE Paper 2 — Speaking
June — GCSE Paper 1 — Listening
Paper 3 — Reading
Paper 4 — Writing

Module 8—Hacia un mundo mejor

- Describing types of houses
- Talking about the environment
- Talking about healthy eating
- Considering global issues
- Talking about local actions
- Discussing healthy lifestyles
- Talking about international sporting events
- Talking about natural disasters
- Grammar — the present subjunctive, using the subjunctive in commands, the pluperfect tense, the imperfect

Role play, photo cards

Exam preparation and revision