



YEAR 12 LEARNING JOURNEYS 2025-2026



Our 'Learning Journeys' provide an outline of the diverse range of knowledge rich and engaging subject topics that students can enjoy during their Sixth Form courses at Trinity Catholic High School.

We developed these 'journeys' to help students to understand the sequence of their learning and how their lessons fit into the bigger picture. This is further supported in lessons, where teachers and students explore the deeper meaning behind their learning; not only how topics link to those previous but also their connections to the wider world, their links to the principles of Catholic Social Teaching and how learning opportunities can support in fulfilling the Trinity Mission.

Learning journeys are placed at the front of all exercise books/ folders, and we encourage parents and carers to review them with their children. This helps everyone visualise the path of learning students will be following throughout the academic year.

Learning is their journey.
Let them navigate.
Push them to explore.
Watch them discover.
Encourage their questions.
Allow them to struggle.
Support their thinking.



FINE ART LEARNING JOURNEY



COURSEWORK 60%

EXAM 40%

FOOD FOR THOUGHT

FOUNDATION IN THE FORMAL ELEMENT THROUGH THE DISCIPLINES OF PAINTING AND DRAWING, PRINTMAKING, SCULPTURES AND LENS BASED IMAGE MAKING.
INVESTIGATE THE THEME OF FOOD IN ART --- CRITICAL THINKING RESPONDING TO ARTISTS

RECORD EXPERIENCES AND OBSERVATIONS RELEVANT TO INTENTIONS - DEVELOPING OWN IDEA -- REVIEWING AND REFINING WORK LEADING TOWARDS A MEANINGFUL AND PERSONAL FINAL OUTCOME

PERSONAL INVESTIGATION

FULLY INDEPENDENT PROJECT FOLLOWING STUDENTS OWN IDEAS AND CONTENT, LINKED TO FUTURE ASPIRATIONS/- STUDIES - BUILDING, DEVELOPING AND STRENGTHENING SKILLS AND TECHNIQUES - ONE TO ONE TUTORIALS TO GUIDE THE STUDENTS TOWARDS A FINAL OUTCOME

EXAM PROJECT

EXTERNALLY SET PROJECT TITLE FROM EDEXCEL FOLLOWING THE SAME FORMAT OF THE PERSONAL INVESTIGATION.
COMPLETED WITH A 15 HOUR EXAM CREATING A FINAL OUTCOME.

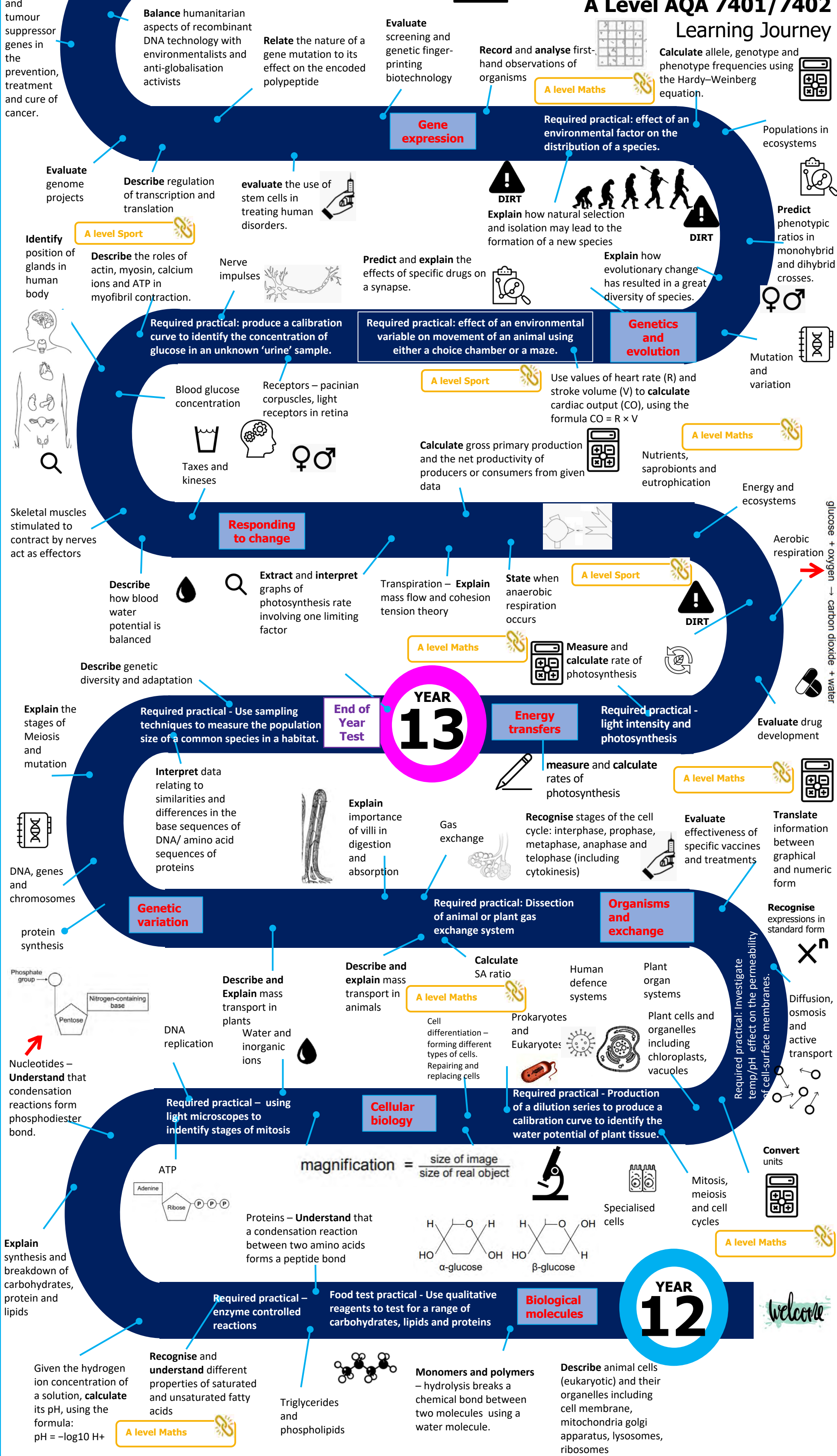


Y12 - Y13 TERM 1

Y13 JAN ONWARDS



A Level AQA 7401/7402
Learning Journey

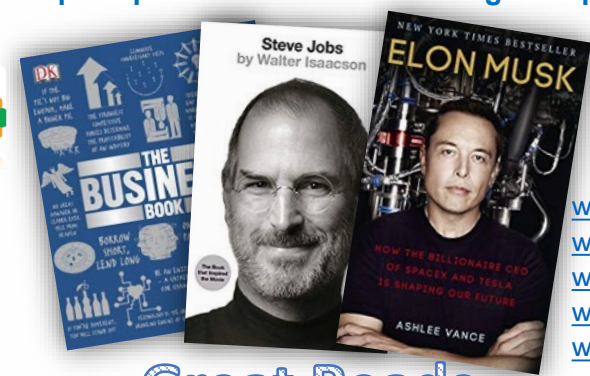



- Year 12 Business Learning Journey -

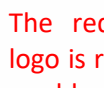



www.tutor2u.net
www.bbc.co.uk
www.bankofengland.co.uk
www.ft.com
www.marketwatch.com
www.theguardian.com

Great Reads



 Wal-Mart averages a profit of \$1.8 million every hour.

 The red and white Coca-Cola logo is recognized by 94% of the worlds population.

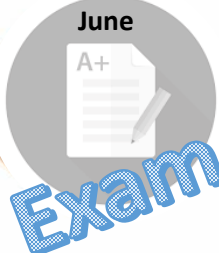
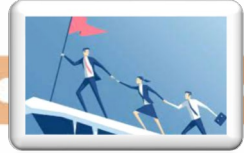
 Business is the modern spelling of the Old English bisignes "care, anxiety, occupation."



17. Ethics



16. International marketing



15. Revision



14. Operations management



12. Operations management



11. Financial reporting & Performance



10. People management



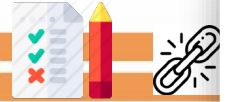
9. Cash flow



4 Understanding customer needs
Markets and marketing data



5. Demand



Link with Maths

2. Business objectives & Stakeholders



10. People management



6. Target market & marketing mix



7. Break Even



8. Sources of finance & budgets



Spring



January
Test

Low
Stakes
Test



There were 5.45 million small businesses in 2024.

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

Sept 2025: Alice Walton is the worlds richest woman, net worth = \$116b she is the heiress to the Walmart fortune



Autumn

START

1. Entrepreneurs & Business planning



3. Different forms of business



A-LEVEL CHEMISTRY LEARNING JOURNEY



In Christo Florebimus

Reactions of
Period 3
Elements and
their Oxides



Thermodynamics

Required
Practical 8

Electrode potentials
and electrochemical
cells

Required
Practical 11

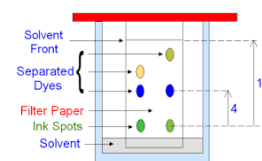
OH^-

Acids and
Bases

Required
Practical 12

H^+

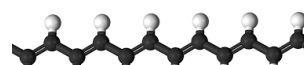
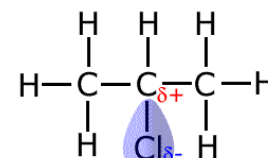
Chromatography



Amino Acids,
Proteins and
DNA



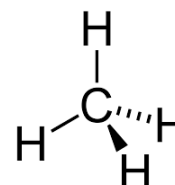
Polymers



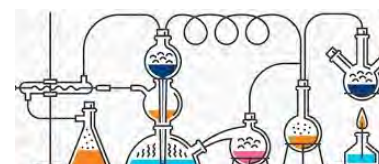
Halogenoalkanes



Introduction
to Organic
Chemistry
and Alkanes



Year
12



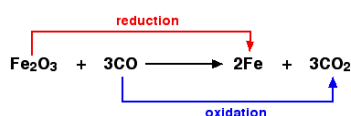
Atomic
Structure

Periodic Table of the Elements

© 2012 Encyclopædia Britannica, Inc.

Amount of
Substance

Periodic Table of the Elements



Group 7 –
The Halogens



Required
Practical 4

Group 2 – The
Alkaline Earth Metals



Organic
Analysis

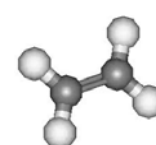
Required
Practical 2

Kinetics



Required
Practical 3

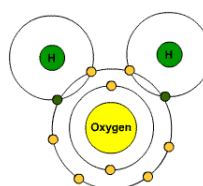
Alkenes



Equilibria and
Kc

$$w\text{A} + x\text{B} \rightleftharpoons y\text{C} + z\text{D}$$

$$K_c = \frac{[\text{A}]^w [\text{B}]^x}{[\text{C}]^y [\text{D}]^z}$$



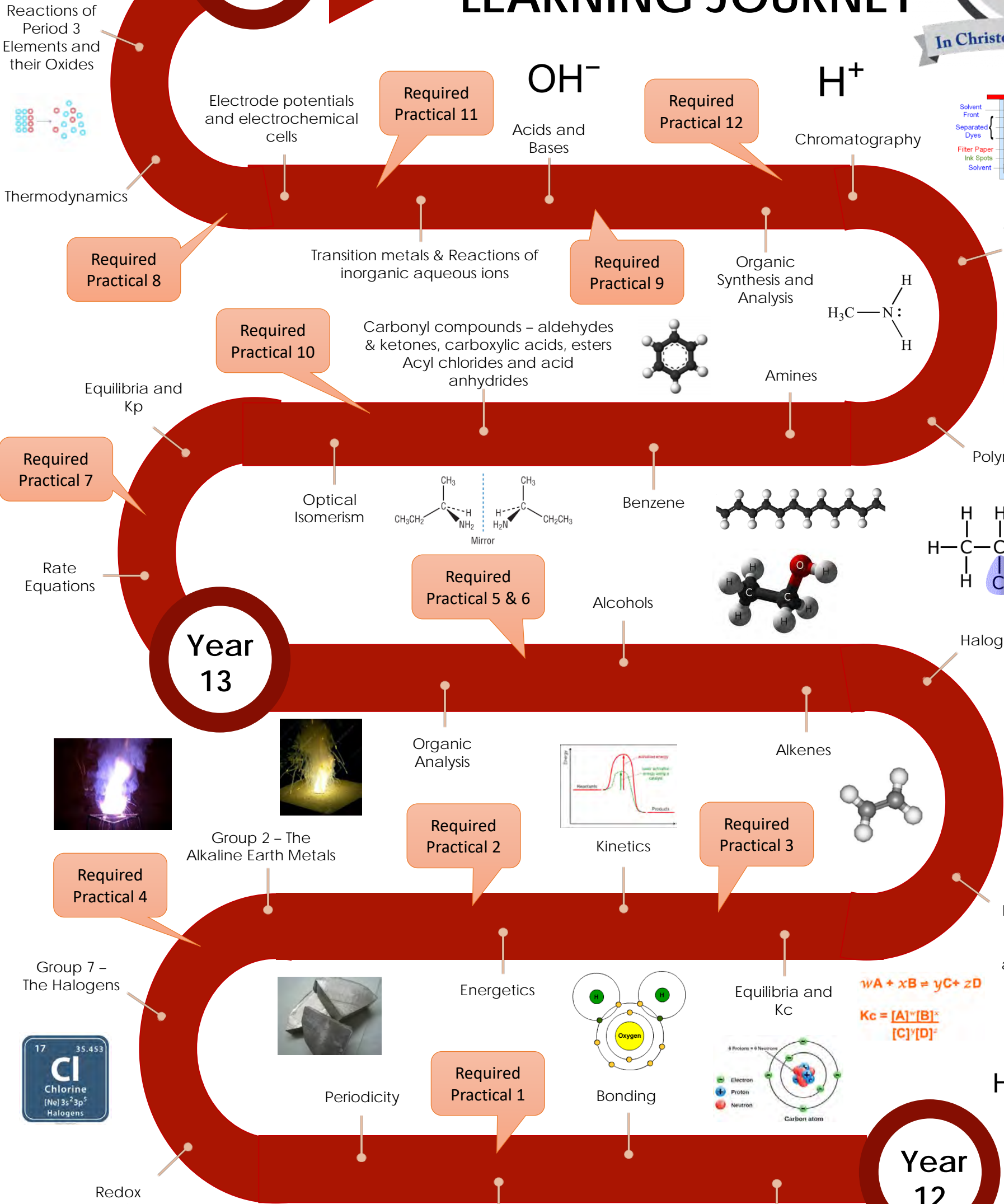
Bonding

Required
Practical 1

Periodicity



Energetics



Recommended reading



A Level Computer Science: Year 12 Learning Journey

Data representation

How computers represent numbers (including negative and fractional numbers) and images using binary. The binary, decimal and hexadecimal number systems. Binary arithmetic. Units of information. Error checking.

Communications

Communication methods.
Communication basics.

Computer systems

Hardware and software. Classification of programming languages. Types of program translator. Logic gates. Boolean algebra. Internal hardware components of a computer. The stored program concept. Structure and role of the processor. Assembly language programming. External hardware devices.

Networks

Networking (topologies, types of networking, wireless networking). The Internet (how it works, security) TCP/IP (application layer protocols, IP address structure, subnet masking, IP standards, public and private IP addresses, DHCP, NAT, port forwarding, client-server model, thin- and thick-client computing

Further data representation

Representing text and sound using binary. Data compression. Data encryption.

Data Structures

The concept of a data structure. Stacks. Queues.

A Level Assessment

There are two exam papers sat at the end of Year 13, each marked out of 100 and is worth 40% of the A Level. *Paper 1* is an on-screen exam and assesses the topics related to programming and algorithms; *Paper 2* assesses the more theoretical topics e.g. data representation, computer systems, networks and databases. The *NEA* is worth 20% of the A Level, students complete a programming project of their own choice.



Programming

Inputs and outputs. Creating and using variables. Selection and iteration programming structures. String handling. Arrays/lists. Records. Random numbers. Subroutines.

Further programming

Regular expressions. Object-oriented programming. Recursion. Text files. Programming exam preparation.

Databases

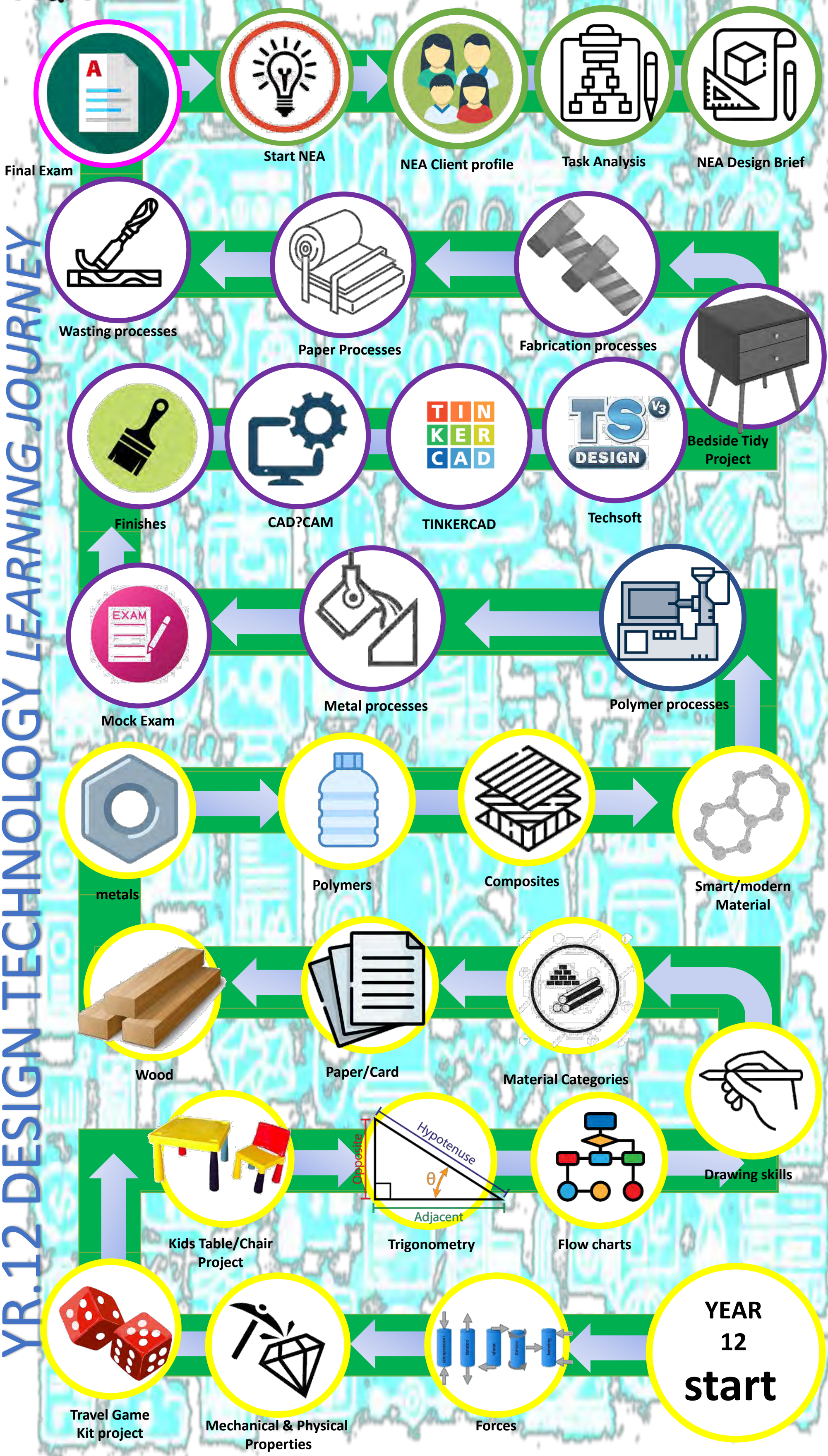
Entity relationship modelling. Relational databases. Database design and normalisation. Structured Query Language (SQL). Client-server databases.

Revision

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

NEA

Students start preparing for their NEA.



DIGITAL MEDIA

YEAR 12

LEARNING JOURNEY

TERM 1A

SEP-OCT

Unit 21/3 Planning and Creating a Media product

An introductory unit which teaches students how to create a digital media product..



TERM 1B

NOV-DEC

Unit 21/3 Planning and Creating a Media product

An introductory unit which teaches students how to create a digital media product..



TERM 2A

JAN-FEB

Unit 2 Pre-production and Planning

An exam unit which requires students to respond to a range of questions of varying length. The focus of the exam is practical digital media production.



TERM 2B

FEB-APR

Unit 2 Pre-production and Planning

An exam unit which requires students to respond to a range of questions of varying length. The focus of the exam is practical digital media production.



TERM 3A

APR-JUN

Unit 2 Pre-production and Planning

An exam unit which requires students to respond to a range of questions of varying length. The focus of the exam is practical digital media production.



TERM 3B

JUN-JULY

Unit 1 -Media Products and Audience

An exam unit which requires students to learn how key media concepts relate to a number of specific case study texts.



- Year 12 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



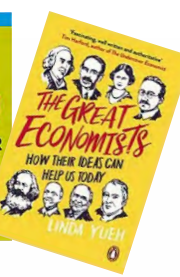
1. The economic problem



2 Measurement of Macro performance



3. Price determination



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

Great Reads



Summer



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



Spring

Link with maths



4. How the Macroeconomy works



5. Externalities

Exam



6. Economic performance



7. Market Mechanisms



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



10. Monetary policy



9. Competition



8. Production costs & revenue



11. Fiscal Policy

Mock Exam Revision

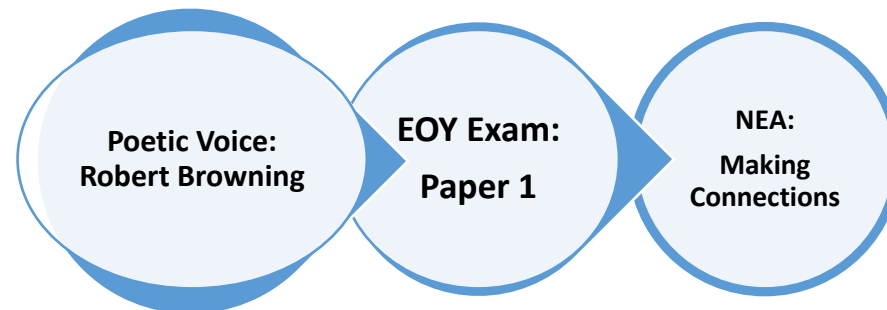
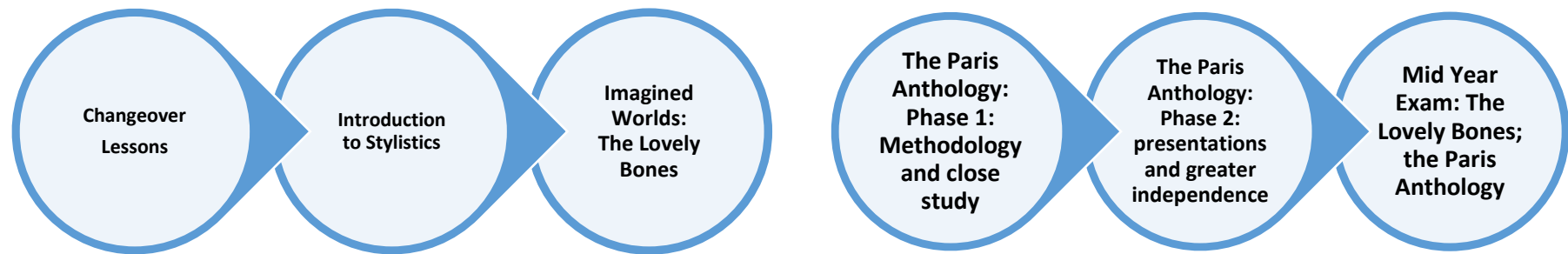


12. Law of diminishing returns & Economic growth



KS5 LEARNING JOURNEY YEAR 12

English Language and Literature



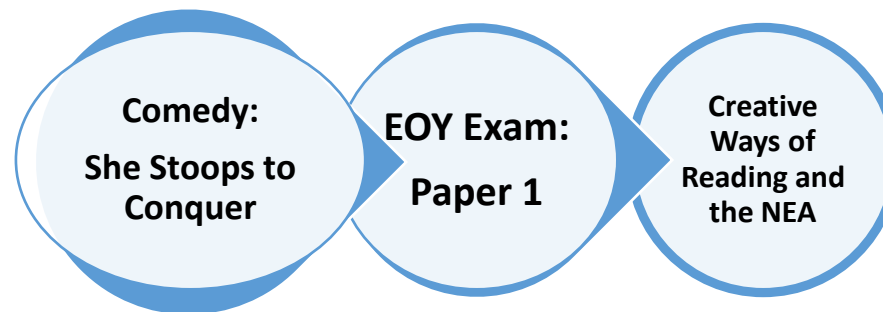
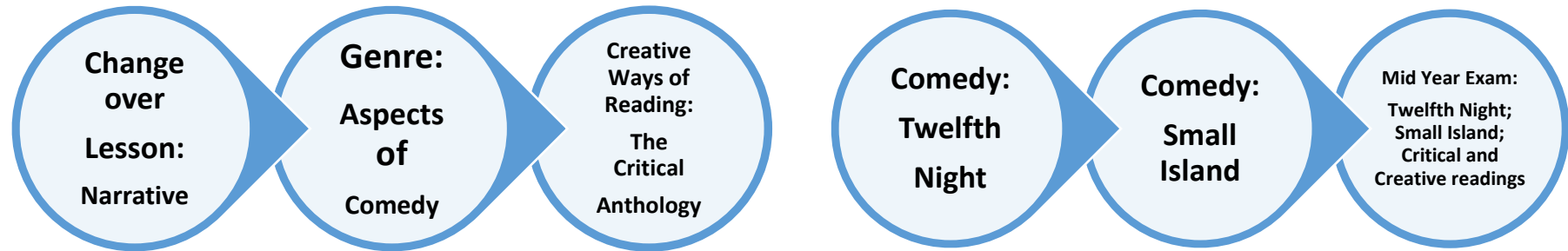
- Change Over Lessons: Designed to help students adjust to Advanced Level English. The focus will be on 'Ideas about Narrative' and 'Mining Texts for Critical Nuggets'
- Introduction to Stylistics: students will see the main areas of Stylistics; methodology and ways of integrating these concepts into textual study
- The Lovely Bones: Students will learn about the Fantasy genre and 'Imagined Worlds'; the affordances of this type of text and some key terminology connected to Point of View
- The Paris Anthology: Students will learn about how places are represented and how text producers exercise 'tellability': foregrounding what they believe to be important
- Poetic Voice: In this unit students focus most especially on how Browning has constructed the 'voice' within each of his poems
- NEA: in the last few weeks we will focus on the investigation and explore choices

Two key things about English in Year 12:

- 1.) You will learn that stylistics is actually very empowering – you can select areas that interest you and you will get better at noticing 'patterns' in texts.
- 2.) Much of what you will study this year will centre on *how* a story is told – Paper 1 actually has a title: 'Telling Stories'.

KS5 LEARNING JOURNEY YEAR 12

English Literature



- Change Over Lessons: Designed to help students adjust to Advanced Level English. The focus will be on 'Ideas about Narrative' and 'Mining Texts for Critical Nuggets'
- Genre of Comedy: An exploration into aspects of Comedy, ranging from Classical Comedy to Modern Comedy
- Creative Ways of Reading: Using the AQA Critical Anthology and its 6 lenses, students will approach a range of texts, ranging from poems and song lyrics to play extracts and short stories and approach them from multiple perspectives
- Twelfth Night; Small Island; She Stoops to Conquer: Students will explore these texts and consider how each works as a comedy
- Creative Ways of Reading: For the final few weeks of the year, students will return to the Critical Anthology and start to select texts for their NEA

Two key things about English in Year 12:

- 1.) You will learn that there are **multiple** ways of reading a text
- 2.) Your study will centre around one main **genre**, namely 'Comedy', although we will dip into other genres such as the Pastoral and Tragedy

A LEVEL FILM STUDIES

YEAR 12

LEARNING JOURNEY

TERM 1A

SEP-OCT

Induction Unit

An introductory unit which teaches the key concepts and ideas related to this course. This includes, genre, narrative, areas of meaning and how the key elements are used in film to create meaning.



TERM 1B

NOV-DEC

2A Global Film

The first exam unit requires you to study two foreign language films with a focus on the core areas. There is no specialist study area for this unit.



TERM 2A

JAN-FEB

2b Documentary

An in-depth look at documentary film as seen through the study of Asif Kapadia's heart-breaking biopic of the late singer/songwriter Amy Winehouse's life and tragic death.



TERM 2B

FEB-APR

2C Silent Cinema/2d Experimental Film

A study of silent cinema through the lens of a critical debate - expressive vs realist film. In this unit we study the short films of Buster Keaton.



TERM 3A

APR-JUN

Revision Unit

An revision unit which covers all of the Year 12 content in preparation for the end-of-year mock exam based on a real component 2 paper.



TERM 3B

JUN-JULY

NEA Coursework

A chance to put what you have learned into action. Worth 30% of the overall grade, this unit requires you to make a short film of your own.



FOOD LEARNING JOURNEY

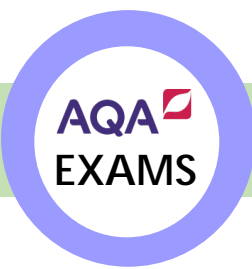
LEVEL 3 CERTIFICATE IN FOOD SCIENCE AND NUTRITION



LEARNING JOURNEY
A-LEVEL French



Courage pour
les révisions



Imperfect & perfect tense
Future perfect & conditional perfect
Choosing the right tense

Politics and immigration
Political issues concerning immigration in francophone countries
Viewpoints of political parties regarding immigration
Immigration from the standpoint of immigrants, aspects of racism

Demonstrations, strikes : who holds the power ?
Important role of unions
Strikes/protests/different methods of protesting
Attitudes towards strikes, protests and political tensions

Finalise Individual research project



Translate English gerund into French
Use language to promote a cause
Talk about priorities

Subject & object pronouns
Relative pronouns
Demonstrative adjectives & pronouns

Avoid the passive
Talk about data and trends
Express doubt and uncertainty



Teenagers : right to vote and political commitment
Vote, French political system and its evolution
Young people's engagement levels & influence on politics
Future of politics and political engagement

Passive voice
Subjunctive mood

Positive features of a diverse society
Benefits of living in an ethnically diverse society
Need for tolerance and respect of diversity
The promotion of diversity to create a richer world



Form and use:
Present, future and conditional tense

Dictionary skills
Strategies for gist comprehension
Loanwords pronunciation

Imperfect, perfect & pluperfect tense

Respond to a stimulus
Express approval and disapproval
Vary vocabulary by using synonyms

Past historic tense
Different tenses with Si
infinitive constructions



Expressing obligation
Ask questions / create dialogue
Summarise a text

III. Aspects of French-speaking society: current issues

Writing an essay



Life for the marginalised
Groups who are socially marginalised
Measures to help them
Attitudes towards people who are marginalised

Summarising from listening
Using persuasive language
Writing with a purpose



How criminals are treated
Attitudes to crime
Prison: merits and problems
Alternative forms of punishment

Contemporary francophone music
Diversity and popularity
Profile of the listeners
Threats and safeguarding

Year 13

Writing an essay



Start Individual research project over the summer

Using infinitive constructions
Si sentences (pluperfect & past conditional)
Connectives followed by subjunctive

Question & command forms
Subjunctive for possibilities
Verbs of wishing an emotional reaction
Conditional

French Cinema
Variety of aspects of French cinema
Major developments in its evolution
Popularity of French cinema and festivals



Listen for details
Justify opinions
Express doubt

Developing extended answers
Avoiding repetitions
Interpreting pictures

II. Artistic culture in the French-speaking world



Cyber-society
Transformation of everyday life
Dangers, users and development of digital technology



Infinitive construction
Object pronouns
Present tense – regular and irregular



Connectives – temporal and causal
Imperfect & conditional
Future tense

Adjective agreements
Comparatives & Superlatives
Si sentences, Subjunctive

Expressing opinions
Vocabulary
Answering questions

Voluntary work
Profile of the workers and range of work provided
Benefits for those who help and those who receive help

Heritage
Preservation on national and regional scale
Tourism
Relationship between heritage, culture and society

Translation into French
Use of bilingual dictionary

I. Aspects of French society: Current trends

Imperfect & perfect tense
Past historic tense

Recap main tenses

Introduction to the course

Check Teams for links to academic reading on all themes



Family life
Trends in marriage & other partnerships
Family structures
Relationships between generations

Year 11 – Year 12 transition Booklet to be completed over the summer holidays

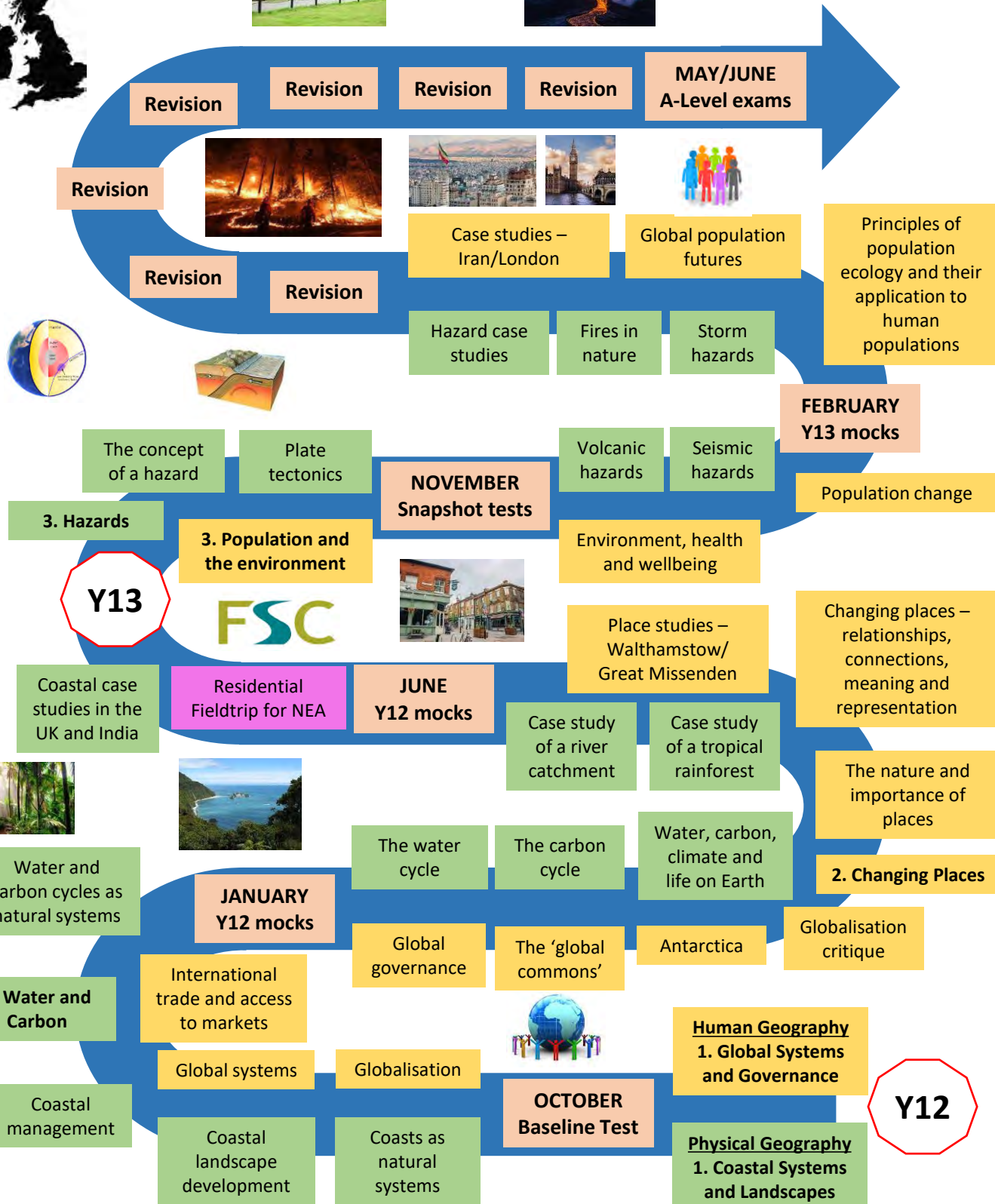




A-Level Geography Learning Journey



- Revision Help
- RGS podcasts/lectures
 - Geography Review digital library available
 - CGP revision books
 - Resources on Teams
 - Examination question booklets



Year 12 A-Level History Learning Journey – Russia

This option provides for the study in depth of the coming and practice of communism in Russia. It explores concepts such as Marxism, communism, Leninism, and Stalinism, ideological control and dictatorship. It also enables students to consider issues of political authority, the power of individuals and the inter-relationship of governmental and economic and social change.

Part One: The Russian Revolution and the Rise of Stalin, 1917-1929

Section 1: Dissent and Revolution, 1917

- The condition of Russia before the revolution of February/March 1917: the Tsar and political authority; the war effort; the economic and social state of Russia; discontent
- The February/March revolution of 1917: causes and course of revolution; issues of leadership and the Tsar's abdication; the establishment of Provisional Government and the Petrograd Soviet; the workings of the Dual authority
- Developments between the revolutions including: the return of Lenin; Lenin's ideology and the April Theses; the July Days; the Kornilov coup and the roles of both the Provisional Government and Trotsky; Lenin and the Central Committee of the Bolshevik Party
- The October/November 1917 revolution: causes, course and extent of revolution; leadership and the establishment of Bolshevik authority; Sovnarkom and decrees and actions to December

Section 2: Bolshevik Consolidation, 1918-1924

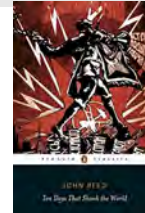
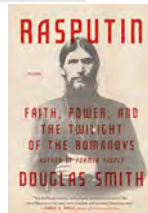
- The consolidation of the Communist dictatorship: the establishment of one-party control; the removal of the Constituent Assembly; the ending of involvement in the First World War
- The Civil War: causes and course; the role of Trotsky; the murder of the Tsar; the reasons for the Red victory; government and control in wartime
- Economic and social developments: state capitalism; social change; conditions in cities and countryside during the Civil War; war communism; the Red Terror: revolts of 1920–1921 including the Tambov revolt and Kronstadt rising; the NEP and its political and economic impact
- Foreign relations and attitudes of foreign powers: foreign intervention in the Civil War; Comintern; the Russo-Polish War; discussions leading to the Rapallo Treaty; official recognition and the repercussions of the 'Zinoviev letter'; Lenin's rule by 1924

Section 3: Stalin's rise to power, 1924-1929

- The power vacuum and power struggle: ideology and the nature of leadership; Lenin's testament; divisions and contenders for power: character, strengths and weaknesses of Stalin, Trotsky, Bukharin, Kamenev, Rykov, Tomsy and Zinoviev
- Ideological debates and issues in the leadership struggle: NEP and industrialisation; 'permanent revolution' versus 'Socialism in One Country'; how and why Stalin became party leader and the outcome for the other contenders
- Economic developments: reasons for and impact of the 'Great Turn'; the economic shift; the launch of the first Five Year Plan and the decision to collectivise
- Government, propaganda and the beginning of the Stalinist cult; Stalin's attitude to foreign powers: China; Germany and the Treaty of Berlin; changes in the Comintern



Additional
Reading:



GCSE recap

Index laws, surds, factorising, solving quadratics, completing the square, modelling with quadratics



Graphs & Transformations

Cubic graphs, quartic graphs, reciprocal graphs, points of intersection, translating graphs, stretching graphs, transforming functions



Circles

Midpoints and perpendicular bisectors, equation of a circle, intersections of straight lines and circles, use tangent and chord properties, circles and triangles



Radians & Trigonometry

Radians, degrees, trigonometric identities, trigonometric equations, modelling, geometrical problems



Exponentials & logarithms

Exponential functions, $y = e^x$, exponential modelling, logarithms, laws of logarithms, solving equations using logarithms, working with natural logarithms, logarithms and non-linear data.



$$ax^2 + bx + c = 0 \text{ but } a \neq 0$$

then $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

DISCRIMINANT

- $\Rightarrow b^2 - 4ac > 0$ **two** real solutions
- $\Rightarrow b^2 - 4ac = 0$ **one** real solution
- $\Rightarrow b^2 - 4ac < 0$ **zero** real solutions

Equations & inequalities

Linear simultaneous equations, quadratic simultaneous equations, simultaneous equations on graphs, linear inequalities, inequalities on graphs, regions



Straight line graphs

$y = mx + c$, equations of straight lines, parallel and perpendicular lines, length and area, modelling with straight lines.



Algebraic methods

Algebraic fractions, dividing polynomials, the factor theorem, mathematical proof, methods of proof



Differentiation & Integration

Parametric equations, Differentiating polynomial functions, differentiation techniques, modelling with differentiation, basic integration



Revision

Exam Questions.



$$P(X) = {}_n C_x p^x (1 - p)^{n-x}$$

Data collection

Populations and samples, Sampling, non-random sampling, types of data, the large data set.



Representations of data

Outliers, box plots, cumulative frequency, histograms, comparing data.



Measures of location and spread

Measures of central tendency, other measures of location, measures of spread, variance and standard deviation, coding.



Correlation

Correlation, linear regression



Probability

Calculating probabilities, Venn diagrams, mutually exclusive and independent events, tree diagrams



Statistical distributions & Hypothesis Testing

Probability distributions, binomial distribution, cumulative probabilities, finding critical values, one-tailed tests, two-tailed tests



Modelling in mechanics

Constructing a model, modelling assumptions, quantities and units, working with vectors



Constant acceleration

Displacement-time graphs, velocity-time graphs, constant acceleration formulae, vertical motion under gravity.



Forces & motion

Force diagrams, forces as vectors, forces and acceleration, motion in 2 dimensions, connected particles, pulleys



Variable acceleration

Functions of time, using differentiation, maxima and minima problems

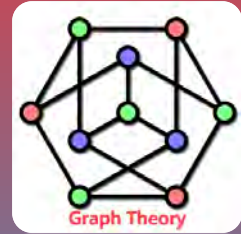


Decision 1

A Level Further Mathematics

Algorithms

Flow charts, bin packing, bubble sort, quick sort, order of an algorithm, time complex analysis.



Graphs and Networks

Basic concept of a graph and how they are used to represent networks, adjacency matrices, planarity algorithm, walks, cycles, paths



Algorithms on graphs

Minimum spanning trees, Prim's algorithm, Kruskal's algorithm, Dijkstra's shortest path algorithm, Floyd's algorithm.



Route Inspection

Eulerian graphs, route inspection algorithm, networks with more than four nodes

Travelling Salesman

Classical problem, minimum spanning tree-upper bound, minimum spanning tree lower bound, nearest neighbour – upper bound.



Linear Programming

Linear programming problems, graphical methods, locating the optimal point, solutions with integer values.

Simplex Method

Formulating linear programming problems, the simplex method, problems requiring integer solutions.



Two-stage simplex method

The Big-M method.

Critical Path Analysis

Modelling a project, dummy activities, early and late event times, critical activities, float of an activity, Gantt charts, resource histograms, scheduling diagrams.



Revision

Exam questions.



Year 12 Core

Mathematics

DID YOU KNOW?

There were more Selfie related fatalities than Shark attack deaths in 2018

1. Probability & Risk

Risk, using percentages, risk and time, calculating probability, using relative frequency to estimate probability, dependent and independent events, probability simulations and frequency trees. .



3. Percentages

Writing one amount as a percentage of another, finding percentage of an amount, percentage increase and decrease, appreciation and depreciation, inflation and index numbers, annual percentage growth and reverse percentages.

4. Roughly Speaking

Currency exchange, costing a journey, rounding, checking calculations, what must the answer lie between, lower and upper bounds, writing tolerances, using an appropriate degree of accuracy and the modelling cycle. .



Mid-Year Exam

1 Calculator Paper

6. Working with Data

The statistical problem solving cycle, looking quickly behind the numbers in data, summarising data, types of data, grouping discrete data, using grouped data with continuous data, histograms, cumulative frequency graphs, box and whisker plots and looking at charts closely.

8. It's Normal

The bell shaped curve, standard deviation, using z-scores and the normal probability plot.

9. Exponentials

Standard form, calculating with standard form, exponential growth, using a spreadsheet for exponential growth, exponential decay, solving exponential equations and logarithmic scales. .



End of Year Exam

1 x Calculator Paper

2. Working with Formulae & Spreadsheets

Using formulae, interpreting spreadsheets, spreadsheet formulae, the power of a spreadsheet, using the \$ symbol, solving equations, solving equations using technology and rearranging formulae. .

Baseline Test



1 Calculator Paper

5. Financial Problem Solving

Financial problem solving cycle, compound interest, annual equivalence rate, annual percentage rate, costing and demand curves.



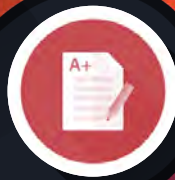
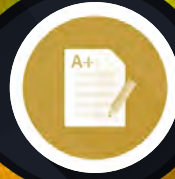
7. Representing Real World Graphically

Using graphs, gradients, tangents, plotting graphs, graphs showing motion, proportion and linearising data.



10. Measures & Scaling

Similar shapes, using suitable units, scale drawings, health and safety, maps and drawing 3D objects,



Year 12

Mathematics

A Level Transition Work

Baseline Test

Non-Calculator Paper

P1 Algebraic Expressions

P1 Topic Test

P5 Straight Line Graphs

P5 Topic Test

P3 Equations & Inequalities

P3 Topic Test

P6 Circles

P6 Topic Test

P12 Differentiation

P12 Topic Test

P13 Integration

P13 Topic Test

P14 Exponentials & logarithms

P14 Topic Test

S1 Data Collection

S2 Location & Spread

S1 & S2 Topic Test

S3 Representations of Data

S3 Topic Test

S4 Correlation

S5 Probability

S4 & S5 Topic Test

S6 Statistical Distributions

S7 Hypothesis Testing

P2 Quadratics

P2 Topic Test

P4 Graphs & Transformations

P4 Topic Test

P7 Algebraic Methods

P7 Topic Test

P8 Binomial Expansion

P8 Topic Test

P10 Trigonometric Identities & Equations

P10 Topic Test

P11 Vectors

P11 Topic Test

Mock Exam

One Pure & Applied Calculator Paper

M8 Modelling in Mechanics

M9 Constant Acceleration

M8 & M9 Topic Test

M10 Forces & Motion

M10 Topic Test

WT Mocks

EOY Exam

One 2 Hour Pure Paper
One 1 Hour Applied Paper

M11 Variable Acceleration

M11 Topic Test

Algebraic Methods 2

DID YOU KNOW?

People who were good at maths as young children go on to earn more than other similar children by the time they are 30, a study has found. Source: BBC NEWS



A LEVEL MEDIA STUDIES

YEAR 12

LEARNING JOURNEY

TERM 1A

SEP-OCT

Induction Unit/ 1A Music Video

An introductory unit which teaches the key concepts and ideas related to this course followed by the first of the exam units. This is based on analysis of 2 music videos.



TERM 1B

NOV-DEC

1A Advertising/ Newspapers

A study of how specific media forms create effects and communicate meanings including representations of key social groups through media language.



TERM 2A

JAN-FEB

1b Advertising/ 1b Film

A study of how the media targets and reaches audience as well as how specific media industries operate and are regulated.



TERM 2B

FEB-APR

1b Newspapers/ 1b Radio

A study of how the media targets and reaches audience as well as how specific media industries operate and are regulated.



TERM 3A

APR-JUN

Revision Unit

An revision unit which covers all of the Year 12 content in preparation for the end-of year mock exam which is a full component 1 paper.



TERM 3B

JUN-JULY

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.



Knowledge:

Keys, Chords, Cadences, Musical elements & Aural dictation.



A Level Music Learning Journey



Performance	Composition	Listening & Appraising
35%	25%	40%
25%	35%	

Skills: Performance.

Regular practise of instrumental/voice to build skills towards a final recital.

Skills: Composition

Experiment with musical skills taken from historical studies and performance to compose two pieces in any style.

Historical Analysis

Studying music to develop understanding of how composers use musical elements as well as the historical conditions and context in which the music was performed and created.

Prescribed Work:
Beethoven Piano Sonata
No. 32 in C Minor

AOS1 Instrumental Music
of Hadyn, Mozart & Beethoven



AOS2 Popular song: Blues, Jazz, Swing & Big band.
(Development of song and the singers in early popular recorded genres)



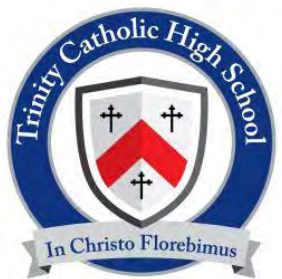
AOS3 Developments in instrumental Jazz 1910 to the present

Prescribed Work:
Selected songs performed
by Ian Shaw

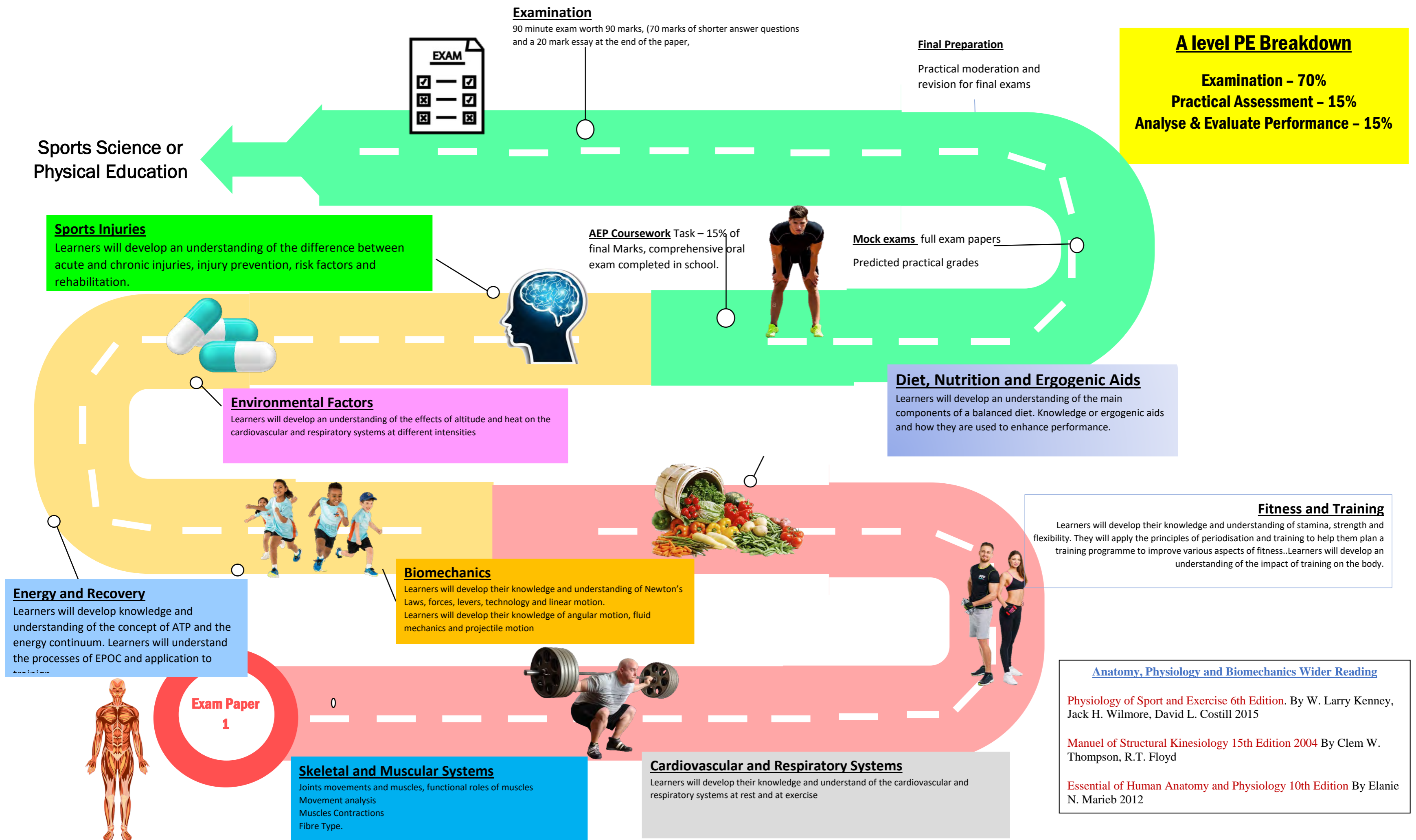
AOS4 Programme Music 1820-1910. Romantic period of instrumental concert music that communicates a narrative



YEAR
13



A Level PE Learning Journey Physiological Factors





Trinity Catholic High School - A Level PE Learning Journey Socio-Cultural Factors

Reading List:

OCR A Level PE workbook
OCR A Level Physical Education component 3
PE and Sport workbook
My revision notes- PE and Sport OCR

Sports Science or Physical Education

AEP Coursework Task – 15% of final Marks, comprehensive oral exam completed in school.

Modern Technology

Learners will understand:

- The extent to which modern technology has affected elite-level sport and general participation in sport, including positives and negatives
- How to assess whether modern technology has increased or decreased fair outcomes
- How to assess whether modern technology has increased or decreased entertainment

Routes to sporting excellence

Learners will:

- Have an understanding of the development routes from talent identification through to elite performance
- Understand the role of schools, clubs and universities in contributing to elite sporting success
- Know the role of UK Sport and National Institutes
- Be familiar with the strategies to address drop-out or failure rates

Commercialisation and media

Learners will be able to-

- Understand the factors leading to the commercialisation of contemporary physical activity and sport
- Know the positive and negative impacts of commercialisation on society, individual sports, performers and spectators
- Understand the coverage of sport by the media today and reasons for the changes since the 1980's
- Understand the positive and negative effects of the media on sport, performers and spectators
- Be familiar with the relationship between sport and the media and the links with advertising and sponsorship

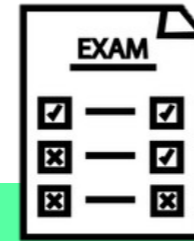
Exam Paper 3

Emergence and Evolution of modern sport

Learners will be able to demonstrate knowledge and understanding of how social class, gender, law and order, education and literacy, availability of time and money and type and availability of transport shaped sport in the following time periods:
Pre-industrial Britain, Post Industrial Britain, 20th Century and 21st Century

Examination

60 Minute exam, consisting of a 10 mark essay question



Final Preparation

Practical moderation and revision for final exams

A level PE Breakdown

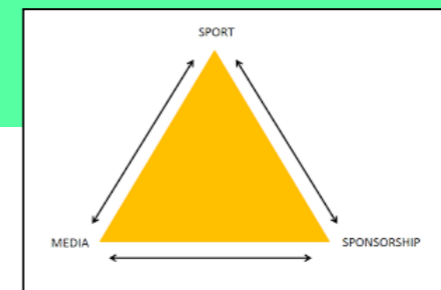
Examination – 70%
Practical Assessment – 15%
Analyse & Evaluate Performance – 15%



Ethics and Deviance in Sport

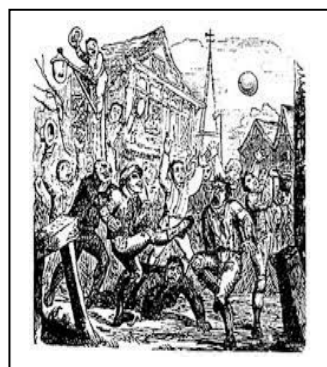
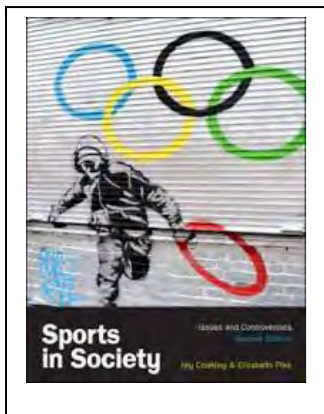
Learners will have an understanding of:

- Drugs and doping in sport and legal VS illegal drugs and doping
- Why elite performers use illegal drugs/doping and recognise consequences/implications to society, sport and performers
 - The strategies to stop the use of illegal drugs and doping
- Why violence occurs in sport and the implications on society, sport and performer, as well as, learning strategies that are used to prevent violence
 - Gambling in sport and about match fixing, bribery and illegal sports betting



Global Sporting Events

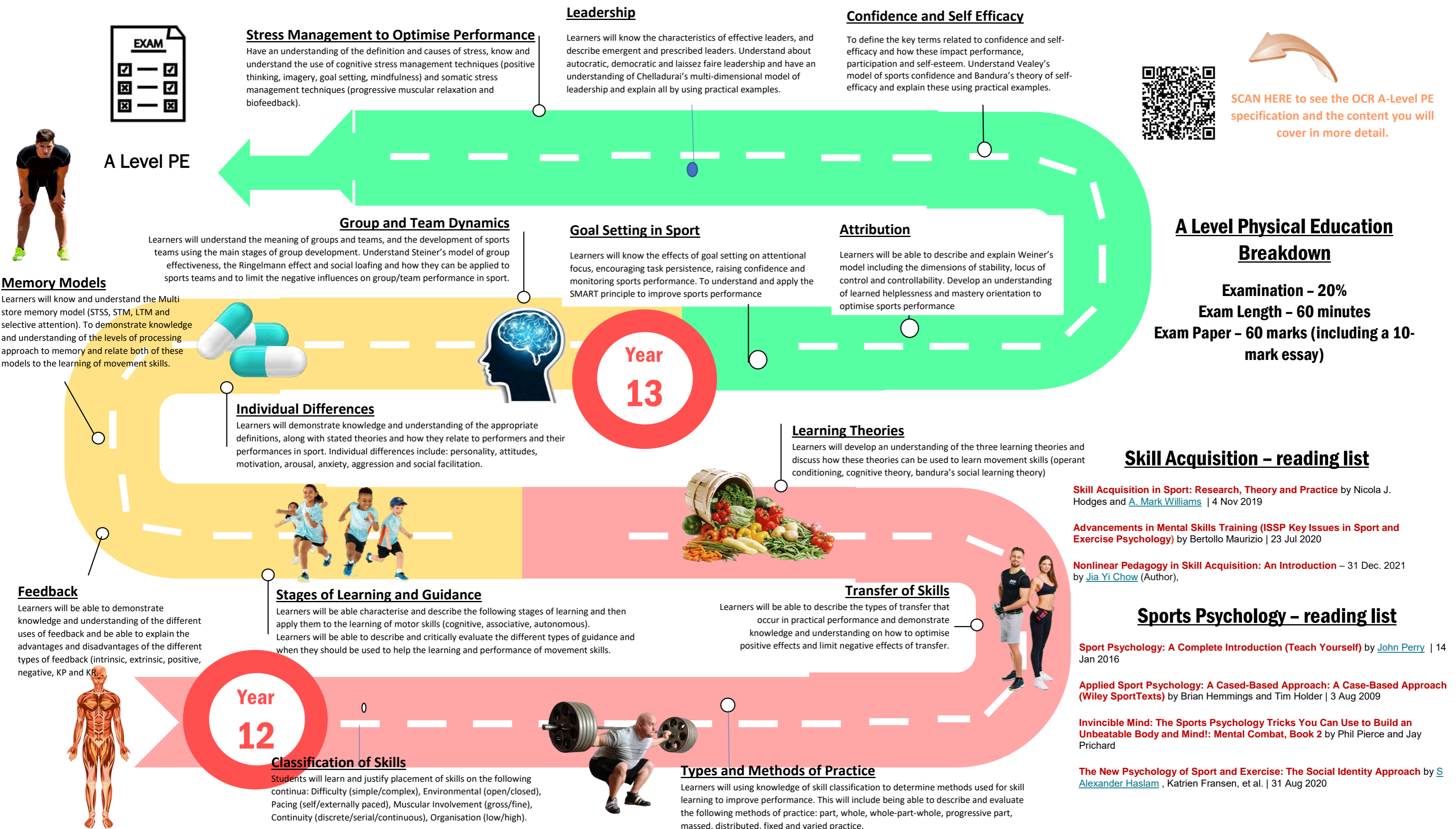
Learners will be able to demonstrate knowledge and understanding of the background and aims of the modern Modern Olympic Games, as well as the political exploitation of the Olympic Games including- Berlin 1936, Mexico City 1968, Munich 1972, Moscow 1980 and Los Angeles 1984.
Students will also be able to assess the positive and negative impacts on host countries including social impacts, social impacts, economic impacts and political impacts.



Mock exams full exam papers



Trinity Catholic High School A Level Learning Journey – Psychological Factors Affecting Performance



PHOTOGRAPHY LEARNING JOURNEY



COURSEWORK 60%



EXAM 40%



T TYPOLOGY

SKILLS BOOTCAMP - BASIC PHOTOSHOP EDITING - COMPOSITION -
FRAMING - CRITICAL THINKING - RESPONDING TO ARTISTS

S MOKE AND MIRRORS

SEMI INDEPENDENT PROJECT - RESPONDING TO ARTISTS -
PHOTOSHOP EXERCISES TO LEARN LAYERING AND ADVANCED EDITING.
ADVANCED PHOTOSHOP EDITING - PRODUCING INDEPENDENT FINAL PIECES
BASED UPON SHARED STARTING POINTS.

PREPARING YOU FOR...

P PERSONAL INVESTIGATION

SHARED STARTING POINTS - FULLY INDEPENDENT PROJECT
FOLLOWING STUDENTS OWN IDEAS AND CONTENT -
ONE TO ONE TUTORIALS TO GUIDE THE STUDENT TOWARDS FINAL OUTCOMES.

C CRITICAL STUDY ESSAY

1000 WORD MINIMUM ESSAY
CONTENT BASED ON SIMILAR THEMES AND
ARTISTS TO THE PERSONAL INVESTIGATION



E EXAM PROJECT

EXTERNALLY SET PROJECT TITLE FROM EDEXCEL EXAM BOARD.
GALLERY VISIT TO SUPPORT ARTIST RESEARCH.
FOLLOWING THE SAME FORMAT OF THE PERSONAL INVESTIGATION.
ARTISTS/STARTING POINTS/INDEPENDENT INVESTIGATION OF YOUR
OWN IDEAS.
COMPLETED WITH A PRINTED FINAL PIECE.



Y12 - Y13 TERM 1



Y13 JAN ONWARDS



A-LEVEL PHYSICS LEARNING JOURNEY

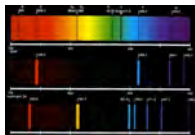


Exoplanets



Quasars

Evolution of the Universe



The Big Bang

Cosmology

Astronomical Distances



ASTROPHYSICS

Doppler Effect & Red shift



HR Diagram

Analysing Stars

Nuclear fission

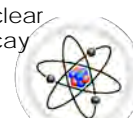
Binding Energy

Radioactivity

Half-life

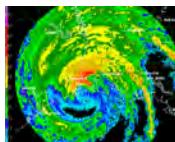


Nuclear decay



Alpha Particle Scattering

Nuclear Physics



NUCLEAR PHYSICS

Exponential Decay

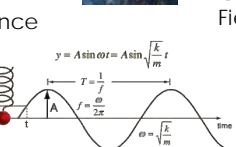
Carbon Dating

Einstein's mass-energy equation

Nuclear fusion

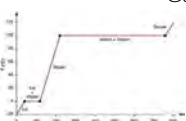
Telescopes

Life Cycle of Stars



Resonance

Damping



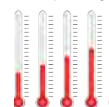
Kinetic Theory of Gases

FURTHER MECHANICS & THERMAL PHYSICS

FIELDS

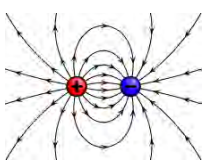
Specific Latent Heat

Specific Heat Capacity



Circular and SHM

Thermal Physics



EMF and Internal resistance

Newton's Law of Gravitation

Gravitational Potential

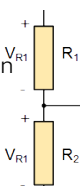
Electric Fields

Charged Particles in an E-Field

Exponential Decay

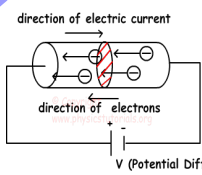
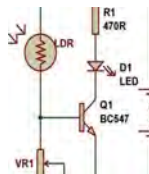
Magnetic Fields

EM Induction



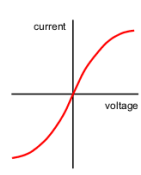
$$V_{out} = V_{in} \left(\frac{R_2}{R_1 + R_2} \right)$$

ELECTRICITY



Electrical Energy

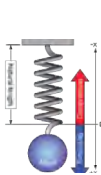
Potential Divider



IV Characteristics

Pd and EMF

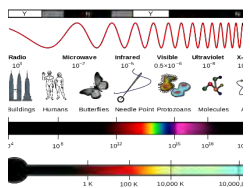
Electrical Current



Using excel and spreadsheets to analyse data

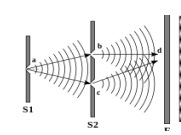
Hooke's Law and Young's Modulus

Density and Pressure



Superposition of waves

Stationary waves



Scalars & Vectors

Conservation of Energy



Power

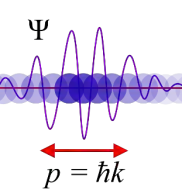
FORCES & MATERIALS

WAVES

Diffraction and polarisation

Reflection and refraction

Wave-Particle Duality



Total Internal Reflection

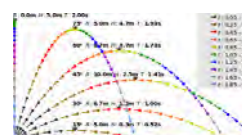
Young's Double Slit Experiment

Kinematics and the motion of bodies

Newton's Laws of Motion

Momentum

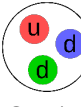
Deforming Materials



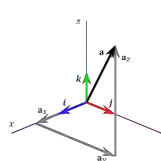
Waves

Energy Levels and Spectra

Quantum Physics



Quarks

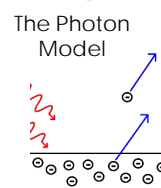


The nucleus



Induction tasks

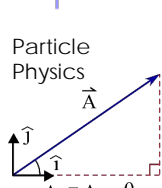
PARTICLES & RADIATION



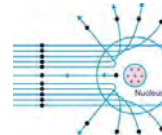
The Photoelectric Effect

Anti-particles, hadrons and leptons

Strong nuclear force



Foundations of Physics



Year 12

Year 13

- Year 12 Politics Learning Journey -

Intent: Your teacher is preparing you to understand the complexity of society and government, the various forces and factors which influence politics and society, and the debates which have shaped and continue to shape the world we live in. You will gain a coherent knowledge and understanding of government and politics in the UK and the wider world.



www.tutor2u.net
<https://www.parliament.uk/>
www.politicshome.com
<https://www.bbc.co.uk/news/politics>
<https://www.spectator.co.uk/>
www.theguardian.com



Great Reads



"Get thee glass eyes and, like a scurvy politician, seem to see the things thou dost not," (Shakespeare, King Lear).

'Politician' originally meant "a schemer or plotter; a shrewd, sagacious or crafty person".

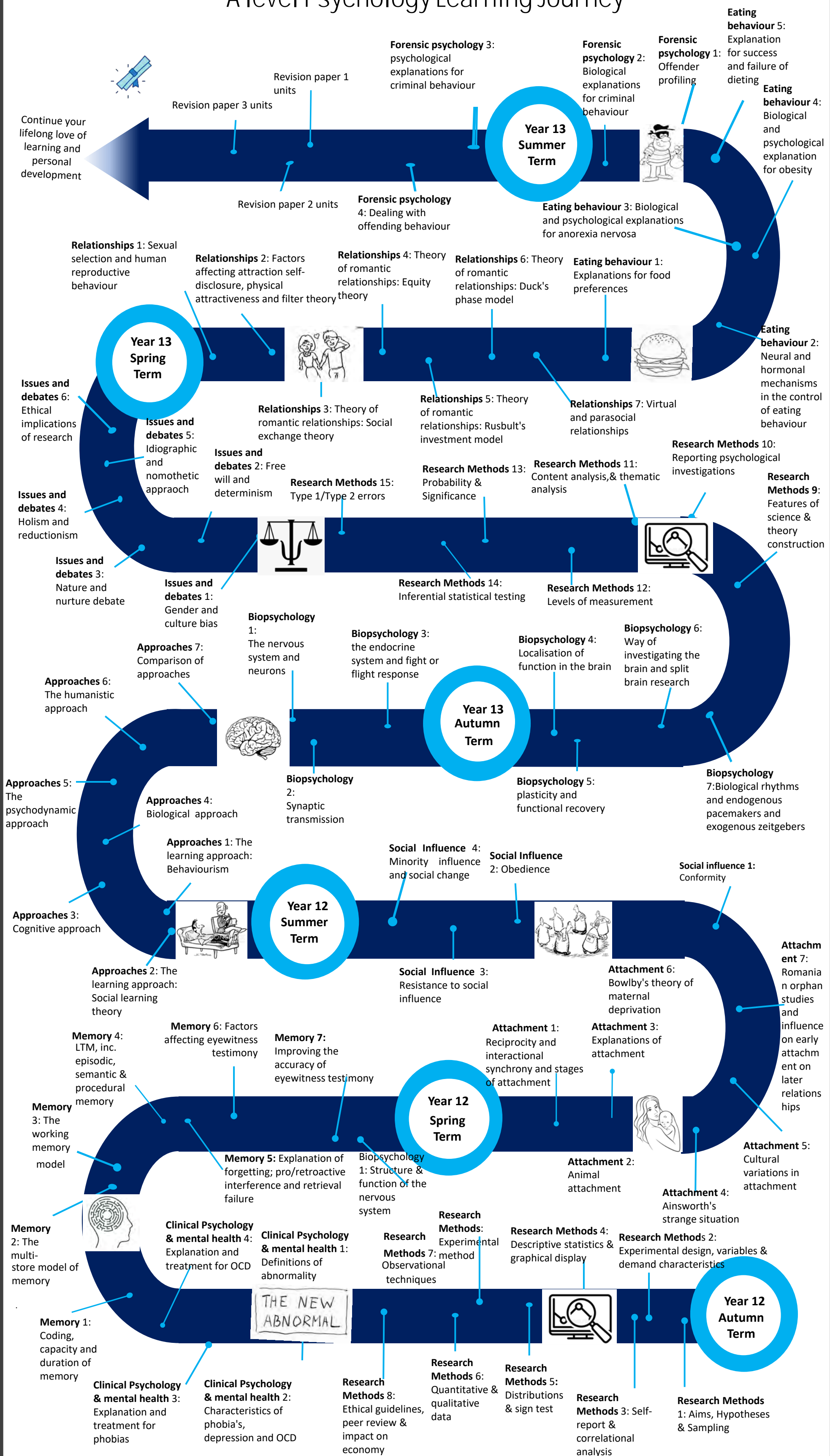
The word "politics" first appeared in English around 1460 as the title of a book by Aristotle.

Most Political writers would point to Magna Carta (1215) as the beginnings of UK political democracy.

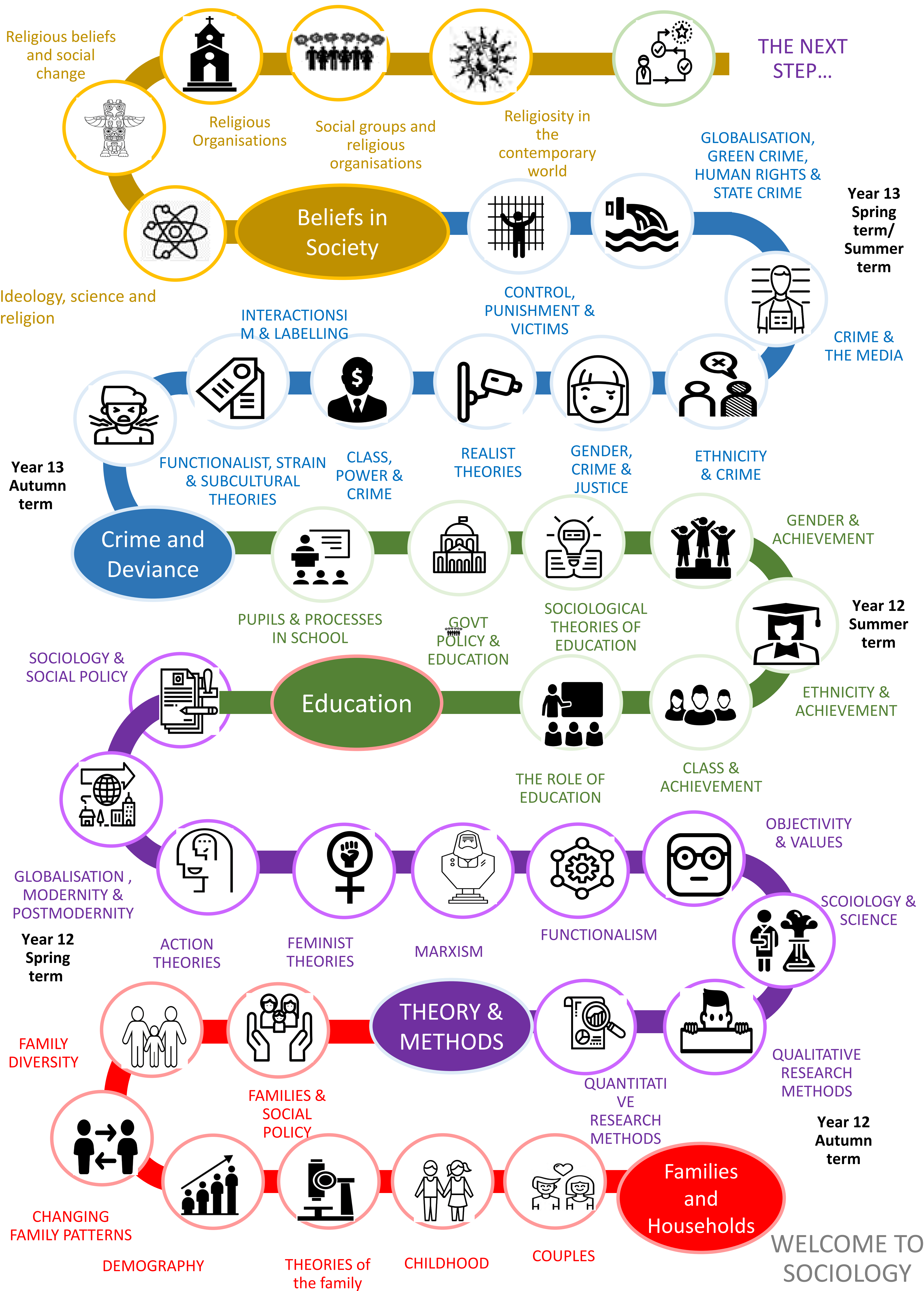
The first recognisable Parliament was held in Westminster Hall in 1265.

19 Summer Projects & Research

A level Psychology Learning Journey



A LEVEL SOCIOLOGY LEARNING JOURNEY



Year 12 Spanish Learning Journey



Bienvenido

Kerboodle

Username:

Password:

Institution Code: su9

1. Los valores tradicionales y modernos

Los cambios de la familia

Actitudes hacia el matrimonio y el divorcio

La influencia de la Iglesia Católica



2. El ciberespacio

La influencia de Internet

Los móviles inteligentes en nuestra sociedad

Las redes sociales: beneficios y peligros



3. La igualdad de los sexos

La mujer en el Mercado laboral

El machismo y el feminismo,

Los derechos de los gays y las personas transgénero



4. La influencia de los ídolos

Cantantes y músicos

Estrellas de televisión y cine

Modelos



MID
YEAR
EXAM

5. La identidad regional en España

Tradiciones y costumbres

La gastronomía

Las lenguas



6. El patrimonio cultural

Sitios históricos y civilizaciones prehistóricas

Arte y arquitectura

El patrimonio musical y su diversidad



END OF
YEAR
EXAM

Introducción a La Casa de Bernarda

Introducción a El Laberinto del Fauno

Speaking practice

Fauno

THEME: ARTIFICIAL CLIPS TO THE HISTORIC WORLD

SUB-THEME: LA INFLUENCIA DE LOS SEXOS

FAMOSOS QUE AYUDAN A COMBATIR LA POBREZA



"Cuando cumplí los 18 años, decidí establecer mi propia fundación en Colombia. Desde entonces, he estado trabajando para proporcionar una educación de calidad para los niños."

PREGUNTAS

- ¿Por qué piensan que Shakira puede tener tanta influencia sobre los jóvenes y la sociedad en general?
- Hay gente que piensa que Shakira hace este tipo de acciones para promover su popularidad como cantante. ¿Qué opinas sobre esta afirmación?
- ¿Piensas que las celebridades tienen la obligación de ayudar económicamente a la persona que lo necesitan?



CARD B

Candidate's Photo Card

- Look at the photo during the preparation period.
- Make any notes you wish to on the answer sheet provided by your teacher.
- Your teacher will then ask you questions about the photo and about topics related to your education.



- Your teacher will ask you the following three questions and then **two more questions**, which you have not prepared.
- Qu'est-ce qu'il y a sur la photo ?
- Quelle machine voudrais-tu étudier à l'université ?
- Tu voudrais faire un apprentissage ? Pour quoi pourrais-tu pas ?

Year 12 Theatre Studies Learning Journey

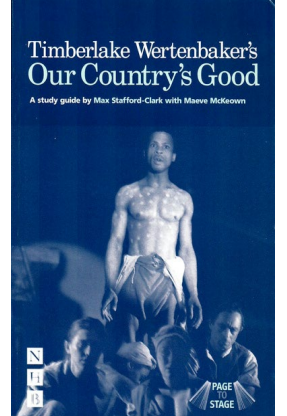
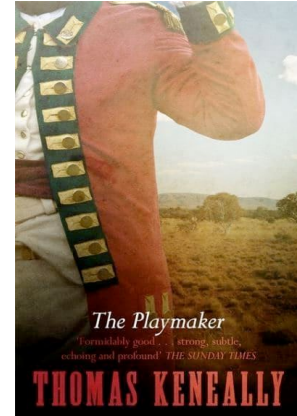
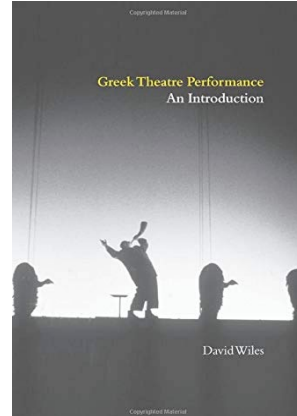


Recommended Resources and Wider Reading



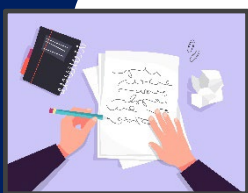
Username: **student.tchs**
Password: **being@3478**

Revision for end of year written examination on Antigone, Steven Berkoff and Our Country's Good

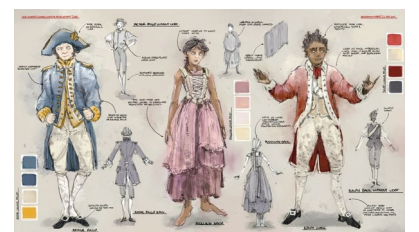


END OF YEAR EXAM

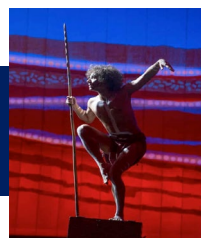
REVISE



You will need to answer questions from the perspective of a designer for this play. You will learn about how to design the: costume, set, sound and lighting for this set text. Your design ideas must fit with the context of the first production in 1988.



SUMMER



Making Theatre NEA: Preparation and performance of monologues by Shakespeare.



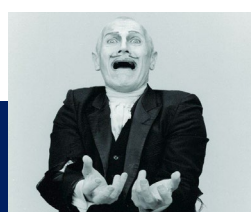
You will begin to study the second set text, which is assessed through your final written exam: Our Country's Good, by Timberlake Wertenbaker.



hello Spring

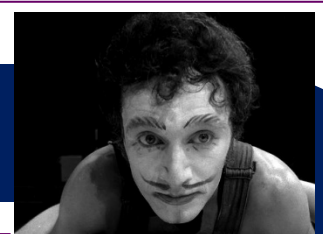
MID YEAR ASSESSMENT

After Christmas, you will complete your first mock written exam assessment on the play Antigone. For this you will need to explain how you would interpret and perform a character in two different scenes from the play.

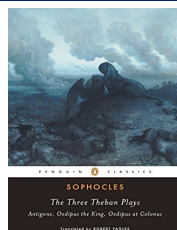


Steven Berkoff

In your double lessons you will be exploring the work of physical theatre practitioner Steven Berkoff. You will read and watch his plays and create your own original drama in his style in preparation for your component 2 NEA: Creating Original Drama.



In your single lessons you will begin the course by studying the ancient Greek Tragedy, Antigone, by Sophocles. You will learn about the play in its original context and from the point of view of a theatre maker in the 21st Century.



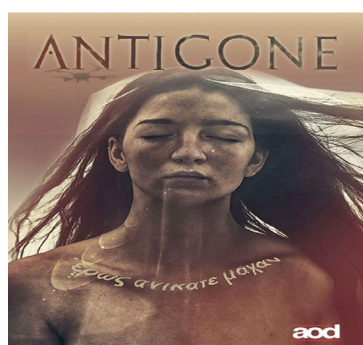
YEAR 12

OCTOBER BASELINE ASSESSMENT

Essential Watching



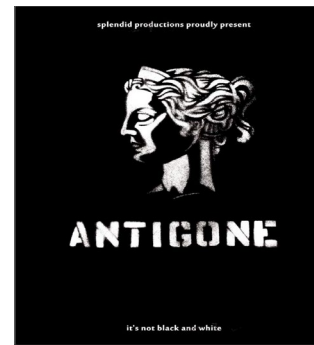
Antigone, 2012, National Theatre



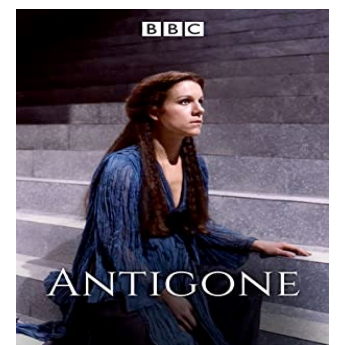
Antigone, 2017, Actors of Dionysus



Antigone, 2019, Directed by Sophie Deraspe



Antigone, 2014, Splendid Productions



Antigone, 1986, BBC Studios

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