

**YEAR**



**ESSENTIAL VOCABULARY**

# ART

## ESSENTIAL VOCABULARY

### Movement & Emphasis

- 3-dimensional
- Abstract art
- Contour lines
- Contrast
- Design principle
- Focal point
- Horizontal
- Illusion
- Implied movement
- Kinetic art
- Optical art
- Vertical

### Pattern & Rhythm

- Analogous colours
- Colour scheme
- Complementary colours
- Flowing rhythm
- Grid patterns
- Harmony
- Progressive rhythm
- Regular rhythm
- Split complementary colours
- Variety
- Zentangle

### Harmony & Unity

- Aesthetic
- Balance
- Composition
- Conceptual
- Cropping
- Leading lines
- Manipulate
- Overlap
- Perspective
- Placement
- Proximity
- Tonal

# COMPUTER SCIENCE

## ESSENTIAL VOCABULARY

### Media

- Analysis
- Codes and conventions
- Denotation and connotation
- Media Products
- Representation
- Representation of reality
- Stereotypes
- Uses and gratification

### Programming

- Application
- Constants and variables
- Flowcharts
- Functions
- IF, ELIF, ELSE
- Iteration
- Selection
- Subroutines

### Social Media

- Catfishing / fake profiles
- Child Exploitation and Online Protection
- Digital Footprint
- Mental health and wellbeing
- Narcissism
- Over sharing
- Sensitive information
- Sexting

# DRAMA

## ESSENTIAL VOCABULARY

### DNA

- Atmosphere
- Character
- Communicate
- Conflict
- Physical Skills
- Play
- Playwright
- Positioning
- Proxemics
- Rehearsal Techniques
- Script
- Social Hierarchy
- Stage Directions
- Themes
- Vocal Skills

### Practitioners and Genres

- Abstract
- Alienation
- Breaking the Forth Wall
- Brecht
- Genre
- Given Circumstances
- Hot Seating
- Naturalism
- Physical Theatre
- Political Issues
- Practitioner
- Social Issues
- Stanislavski
- Tableaux
- Theatre in Education

### Devising Project

- Audience
- Characters
- Development
- Devising
- Multi role
- Proxemics
- Rehearsal
- Role Play
- Scenes
- Staging
- Stimulus
- Style
- Technical Elements
- Techniques
- Themes

# ENGLISH

## ESSENTIAL VOCABULARY

### Character in Context

- Complex sentence
- Empathy
- Figurative language
- Inference
- Interpretation
- Intrigue
- Narrative
- Patriarchal society
- Perspective
- Protagonist
- Sequencing

### Animal Farm

- Allegory
- DA FOREST
- Dictator
- Dystopia
- Herd behaviour
- Hierarchy
- Illiteracy
- Manipulation
- Propaganda
- Russian Revolution
- Spin Doctor
- Utopia

### Criminal Minds

- Anaphora
- Caesura
- Diagnosis
- Dramatic Monologue
- Enjambement
- Iambic Pentameter
- Internal conflict
- Intertextuality
- Psychopath
- Rhyme scheme
- Stanza

### Dystopian Writing

- Cyclical structure
- Democracy
- Disincarnate
- Disparity
- Dystopia
- Figurehead
- Illusion
- Oppression
- Paranoia
- Sensory Description
- Symbolise

### Romeo and Juliet

- Clandestine
- Effeminate
- Elizabethan
- Iambic Pentameter
- Jacobean
- Mercurial
- Patriarchy
- Peripeteia
- Prologue
- Shakespearean
- Soliloquy
- Sonnet
- Tragic hero

# FRENCH

## ESSENTIAL VOCABULARY

### My leisure time

- C'est - It is
- J'adore - I love
- J'ai fêté - I celebrated
- j'ai lu - I read (past tense)
- J'aime - I like
- Je déteste - I hate
- Je m'entends - I get on
- Je me dispute - I quarrel
- Je me fâche - I get angry
- je suis resté(e) - I stayed

### Future plans

- étudier - to study
- Gagner - to earn
- J'aurai - I will have
- Je dois - I must
- Je ne veux pas être - I don't want to be
- Je serai - I will be
- Je travaillerai - I will work
- Je veux être - I want to be
- On peut - you can
- Travailler - to work

### Healthy living

- Il faut - you must
- Il ne faut pas - you mustn't
- J'aimerais - I would like
- J'utilise - I use
- Je bois - I drink
- Je mange - I eat
- Je ramasse - I pick up
- Je recycle - I recycle
- Je voudrais - I would like
- On doit - you have to

### My life in music

- J'adore - I love
- J'ai acheté - I bought
- J'ai pris - I took
- J'ai vu - I saw
- J'aime - I like
- Je déteste - I hate
- Je n'aime pas - I don't like
- Je préfère - I prefer
- Je suis allé(e) - I went
- Ma chanson préférée est - my favourite song is

### French-speaking world

- Est - is
- Il y a - there is/are
- J'adore - I love
- J'aime - I like
- Je déteste - I hate
- Je n'aime pas - I don't like
- Je ne veux pas - I don't want
- Je veux - I want
- Je voudrais - I would like
- On peut - you can

# GEOGRAPHY

## ESSENTIAL VOCABULARY

### What is globalisation?

- Balance of trade
- Export
- Fair trade
- Globalisation
- Glocalisation
- Import
- Interdependence
- Multi-national company (MNC)
- Supply chain
- Sweatshop

### How can we investigate contemporary geographies?

- Analysis
- Conclusion
- Contemporary
- Dark tourism
- Enquiry
- Evaluation
- Geographical Information Systems (GIS)
- Hypothesis
- Pandemic
- Stakeholders

### How do rivers shape the world?

- Confluence
- Drainage basin
- Groundwater
- Impermeable
- Infiltration
- Interception
- Permeable
- Surface run-off
- Tributary
- Vegetation
- Watershed

### River Fieldwork

- Clinometer
- Cross-sectional area
- Depth
- Gradient
- Limitation
- Sampling
- Transect
- Velocity
- Wetted perimeter
- Width

### What are the challenges and opportunities for Africa?

- Aid
- Biome
- Bottom-up development
- Colonialism
- Desertification
- Foreign direct investment
- Inequality
- Irrigation
- Neo-colonialism
- Top-down development

# HISTORY

## ESSENTIAL VOCABULARY

### Why did the Tsar abdicate in 1917?

- Abdicate
- Autocracy
- Divine Right of Kings
- Duma
- Fleet
- Revolution
- Russification
- Social Hierarchy
- Tsar
- Tsarina

### Why did WW2 break out?

- Appeasement
- Colonies
- Conscription
- Pact
- Rearmament
- Reparations
- Retribution
- Soviet Union
- Treaty
- War guilt

### How did Communism change Russia?

- Bolshevik
- Change
- Civil War
- Communism
- Continuity
- Dictatorship
- Famine
- Propaganda
- Revolution
- Soviet Union

### What can we learn about Paddy Finucane from evidence?

- Airfield
- Battle of Britain
- Evidence
- Inference
- Luftwaffe
- ME- 109
- RAF
- Spitfire

### How did Dr Riddell decide the Suffragettes were terrorists?

- Angel in the house
- Freedom fighter
- Interpretation
- Lobby
- Militancy
- Suffrage
- Suffragette
- Suffragist
- Terrorist
- Universal suffrage

### What can we learn from evidence about the Holocaust?

- Anti-Semitism
- Assimilate
- Boycott
- Concentration Camp
- Death camp
- Final Solution
- Ghetto
- Holocaust
- Persecution
- Pogroms
- Shtetl
- Synagogue

### How has British society changed post WW2?

- Conquer
- Economy
- Empire
- Exile
- Government
- Griot
- Hajj
- Mansa
- Sosso
- Timbuktu



# MATHEMATICS

## ESSENTIAL VOCABULARY

### Reasoning with Algebra

- Asymptote
- Axes
- Coefficient
- Equation
- Gradient
- Inequality
- Inverse
- Reciprocal
- Variable
- Y-intercept

### Reasoning with Geometry

- Clockwise/Anti-clockwise
- Hypotenuse
- Invariant
- Object/Image
- Reflection
- Rotation
- Symmetry
- Transformation
- Translation
- Vector

### Constructing in 2 and 3 Dimensions

- Bisector
- Compass
- Cross-section
- Elevation
- Locus/Loci
- Net
- Perpendicular
- Plan
- Surface area
- Volume

### Reasoning with Proportion

- Compound unit
- Conversion
- Density
- Enlargement
- Inverse/Direct
- Proportion
- Rate
- Scale factor
- Similar
- Speed

### Reasoning with Number

- Appreciate/Depreciate
- Balance
- Conjecture
- Credit
- Debit
- Interest
- Overdraft
- Per annum
- Reverse percentage
- Tax

### Representations

- Biased
- Event
- Expected outcome
- Experimental
- Independent event
- Probability
- Relative frequency
- Sample space
- Theoretical
- Venn Diagram

# MUSIC

## ESSENTIAL VOCABULARY

### Vocal Skills

- Breath Control
- Fluency
- Harmony
- Lyrics
- Pitch
- Range
- Register
- Round
- Tone
- Unison
- Vibrato

### Rhythm Skills

- Alternation
- Co-ordination
- Notation
- Pulse
- Rhythm
- Sight-reading
- Simultaneous
- Syncopated
- Tempo
- Time-signature
- Timing

### Keyboard Skills

- Chord Progression
- Fluency
- Hand positioning
- Major
- Melody
- Minor
- Navigate
- Notation
- Simultaneous
- Tempo
- Tonality

# PERSONAL, SOCIAL AND HEALTH EDUCATION

## ESSENTIAL VOCABULARY

### Protecting Yourself

- Breast Examination
- Cancer
- Defibrillator
- Extremism
- Female Genital Mutilation
- First Aid - CPR
- Forced marriage
- Radicalisation
- Revenge porn
- Testicular Examination

### Making Informed Decisions

- Development
- Diversity
- Employability skills
- Informed
- Labour Market Information
- Options
- Progression route
- Strengths
- Success

### Living in the Wider World

- Abortion
- Adoption
- Consent
- Fake News
- Pornography
- Pregnancy
- Rape
- Sexual assault
- Sexual harassment
- Victim blaming

# PHYSICAL EDUCATION

## ESSENTIAL VOCABULARY

### Striking and Fielding

- Backstop
- Long barrier
- Muscular strength
- Serve/Bowl
- Short barrier
- Timing
- Umpire

### Athletics

- Acceleration
- Dynamic
- Pacing
- Speed
- Technique
- Trajectory
- Weight transference

### Net and Wall

- Backhand
- Forehand
- Power
- Serve
- Smash
- Topspin
- Volley

### Movement and Replication

- Aesthetic
- Body tension
- Canon
- Extension
- Flexibility
- Rhythm
- Unison

### Invasion

- Aerobic endurance
- Defence
- Intercept
- Marking
- Possession
- Tactics
- Technique

### Generic throughout all units

- Analyse
- Cardio-vascular fitness
- Communication
- Constructive feedback
- Observe
- Peer/self-assessment
- Spatial awareness

# RELIGION, PHILOSOPHY AND ETHICS

## ESSENTIAL VOCABULARY

### Relationships and the Family

- Blended
- Cohabitation
- Contraception
- Divorce
- Extended
- Marriage
- Nuclear
- Parish
- Same-Sex
- Single-Parent

### Equality in Society

- Commemorate
- Commonwealth
- Compassion
- Discrimination
- Equality Act
- Justice
- Nationality Act
- Prejudice
- Racism
- Windrush

### Crime and Punishment

- Capital Punishment
- Community Service
- Corporal Punishment
- Criminal
- Deterrence
- Imprisonment
- Justice
- Reformation
- Retribution
- Victim

# SCIENCE

## ESSENTIAL VOCABULARY

### Metals and Materials

- Allotrope
- Catalyst
- Chemical properties
- Displacement reaction
- Effervescence
- Metal
- Neutralisation
- Non-metal
- Physical properties
- Reactive
- Reactivity series
- Unreactive

### You and Your Genes

- Alleles
- Chromosomes
- Diploid
- DNA
- Dominant
- Gene
- Genotype
- Haploid
- Heterozygous
- Homozygous
- Phenotype
- Recessive

### Speed, Pressure and Moments

- Acceleration
- Anticlockwise
- Clockwise
- Deceleration
- Equilibrium
- Moments
- Newtons
- Pascal
- Pressure
- Speed
- Terminal velocity
- Velocity

### Atomic structure

- Alkali metals
- Anion
- Atomic number
- Cation
- Electron
- Halogens
- Isotope
- Mass number
- Neutron
- Nobel gases
- Proton
- Relative atomic mass

### Waves

- Amplitude
- Angle of incidence
- Angle of reflection
- Decibel
- Dispersion
- Frequency
- Longitudinal
- Pitch
- Plane
- Transverse
- Vibrations
- Wavelength

### Conservation of Energy

- Conduction
- Conservation
- Convection
- Efficiency
- Energy
- Gravitational field strength
- Gravitational potential energy
- Insulation
- Kinetic energy
- Non-renewable
- Radiation
- Renewable

# TECHNOLOGY

## ESSENTIAL VOCABULARY

### Resistant Materials

- Acrylic
- Art Deco
- Bark
- Batch Production
- Chisel
- Chuck
- Client
- Computer Aided Design (CAD)
- Computer Aided Manufacture (CAM)
- Coniferous
- Coping Saw
- Deciduous
- De Stijl
- Ergonomics
- Felling
- Forest Stewardship Council (FSC)
- Forstner bit
- Green wood
- Hardwood
- Laser Cutter
- Manufactured Board
- Manufacturing Specification
- Medium Density Fibreboard (MDF)
- Morticer
- Pillar Drill
- Pine
- Plywood
- Primer
- Prototype
- Quick Action Clamp
- Renewable
- Scale of Production
- Seasoning
- Self-finishing
- Softwood
- Stain
- Stock Size
- Surface Finish
- Sustainable
- Target Market
- Undercoat
- Varnish
- Wax

### Textiles

- 00 Flour
- All in one sauce
- Carbon footprint
- Coeliac
- Diabetic
- Dovetailing
- Environmental issues
- Fairtrade
- Food miles
- Food safety point
- Gelatinisation
- Healthy Eating
- Lactose intolerant
- Moral issues
- Reduction Sauce
- Special diet
- Stage of making
- Vegan
- Vegetarian
- Velouté sauce

### Food

- Acrylic pens
- Analysis
- Block printing
- CAD/CAM machines
- Fit for purpose
- Graffiti
- Heat press
- Interfacing
- Nylon
- Organic fabrics
- Piping
- Polycotton
- Polyester
- Quilting
- Satin weave
- Sustainable fabrics
- Tacking
- Transfer painting
- Transfer painting
- Zip



THE  
**BRITTONS**  
ACADEMY