

# YEAR

# 8

**ESSENTIAL VOCABULARY**

# ART

## ESSENTIAL VOCABULARY

### Portraiture

- Abstract
- Blending
- Continuous line
- Cross contour
- Cross hatching
- Cubist
- Directional line
- Grid method
- Media
- Observation
- Portrait
- Proportion
- Semi Abstract
- Tone

### Balance, Contrast & Variety

- Analogous colours
- Asymmetrical balance
- Colour scheme
- Complementary colours
- Contrast
- Cool colours
- Harmonious
- Radial balance
- Split complementary colours
- Symmetrical balance
- Tint
- Variety
- Warm colours

### Texture

- Composition
- Design principles
- Diagonal
- Directional line
- Focal point
- Form
- Gradation
- Graphite
- Horizontal
- Implied texture
- Pressure blending
- Replicate
- Rubbing
- Vertical

# COMPUTER SCIENCE

## ESSENTIAL VOCABULARY

### Hardware and software

- Application software
- Central Processing Unit
- Embedded system
- Motherboard
- Operating System
- Random Access Memory
- System
- Wired and wireless networks

### Computational thinking

- Binary
- Bit depth
- Bitmap graphics
- Data representation
- Photo manipulation
- Pixels
- Resolution
- Vector graphics

### Programming

- Constants
- FOR loops
- IF statements
- Iteration
- Python IDLE
- Python SHELL
- Selection
- Variables

### Creating for the web

- Audience
- Feed
- Footer
- Header
- HTML
- Hyperlinks
- Tags

### Esafety

- Cyber security
- Encryption
- Ewaste
- Malware
- Pharming
- Phishing
- Ransomware
- Social engineering

# DRAMA

## ESSENTIAL VOCABULARY

### Romeo and Juliet

- Choral Speech
- Elizabethan Theatre
- Prologue
- Proscenium Arch Stage
- The Globe Theatre
- Theatre in the Round Stage
- Thrust Stage
- Traverse Stage
- Vocal Skills
- William Shakespeare

### Performance Strategies

- Characterisation
- Civil Rights Movement
- Hot Seating
- London Riots
- Marking the Moment
- Rehearsal Techniques
- Role on the Wall
- Role Play
- Stimulus
- Thought Tracking

### Noughts and Crosses

- Bigotry
- Brecht
- Dystopia
- Historical Context
- Injustice
- Media Manipulation
- Script
- Social Context
- Stage Directions
- Themes

### Greek Theatre

- Amphitheatre
- Greek Chorus
- Mask
- Narration
- Orchestra
- Parados
- Prologue
- Skene
- Theatron
- Thespian

### Devising Project

- Audience Participation
- Devising
- Direct Address
- Educational Facts
- Multirole
- Narration
- Rehearsal
- Stimulus
- Target Audience
- Topic

# ENGLISH

## ESSENTIAL VOCABULARY

### Of Mice and Men

- Anthropomorphism
- Foreshadowing
- Hierarchy
- Injustice
- Microcosm/ Macrocosm
- Migrant worker
- Oppression
- Prejudice/Discrimination
- The American Dream
- The Great Depression
- Zoomorphism

### War Poetry

- Conflict
- Connotation
- Context
- Denotation
- Home Front
- No Man's Land
- Perspective
- Propaganda
- The Trenches
- Western Front
- World War 1

### Controversy Writing

- Anecdote
- Argument
- Article
- Controversial
- Counter argument
- Emotive
- Genre
- Mnemonic
- Opinion
- Persuasive
- Purpose

### The Woman in Black

- Characterisation
- Conspiracy
- Disorientation
- Foreboding
- Gothic
- Industrial Revolution
- Isolation
- Juxtaposition
- Pathetic Fallacy
- Supernatural
- Victorian

### Gothic Writing

- Desolation
- Gothic conventions
- Imagery
- Isolation
- Narrative Arc
- Narrative Hook
- Narrator
- Onomatopoeia
- Personification
- Secretive
- Tension

# FRENCH

## ESSENTIAL VOCABULARY

### My holidays

- C'est - It is
- C'était - It was
- J'ai - I have
- J'ai acheté - I bought
- J'ai dormi - I slept
- J'ai joué - I played
- J'ai mangé - I ate
- J'ai visité - I visited
- Je suis - I am
- Je suis allé(e) - I went

### Local area

- Aller - to go
- Faire - to do
- Je m'habille - I get dressed
- Je prends - I have/take
- Laver - to wash
- Nourrir - to feed
- On doit - you must
- On peut - you can
- Promener - to walk
- Ranger - to tidy

### Special occasions

- Acheter - to buy
- Admirer - to admire
- écouter - to listen
- J'attends - I cannot wait for
- Je finis - I finish
- Je vais aller - I am going to go
- Je vais boire - I am going to drink
- Je vais manger - I am going to eat
- Je vends - I sell
- Ma fête préférée c'est - my favourite festival is

### The world of sports

- Il faut - you must
- Il ne faut pas - you must not
- J'ai gagné - I won
- J'ai joué - I played
- J'ai mal - it hurts
- Je gagne - I win
- Je joue/je fais - I play/I do
- Je travaille - I work/train
- Je trouve - I find
- Je vais gagner - I am going to win

### Leisure activities

- J'adore - I love
- J'ai fait - I did
- J'aime - I like
- Je crée - I create
- Je déteste - I hate
- Je n'aime pas - I don't like
- Je préfère - I prefer
- Je suis allé(e) - I went
- Mon émission préférée est - my favourite programme is
- Mon jeu préféré c'est - my favourite game is

### My life as a teenager

- C'est/ce n'est pas - it's/it's not
- Ce qui est important - what is important
- De partir - to leave
- De retrouver - to meet with
- J'ai le droit de - I am allowed to
- Je n'ai pas le droit de - I'm not allowed to
- Le bonheur c'est - happiness is
- Mes priorités sont - my priorities are

# GEOGRAPHY

## ESSENTIAL VOCABULARY

### Where are the fantastic places?

- Continent
- Direction
- Environment
- Global
- Landscape
- Latitude
- Local
- Longitude
- National
- Scale

### Why are some countries more developed?

- Barriers
- Development
- HIC/NIC/LIC
- Inequality
- Infant mortality rate
- Life expectancy
- Literacy rate
- Sustainable development
- Trade
- Wealth

### Is the Earth running out of natural resources?

- Atmosphere
- Biosphere
- Fossil fuel
- Greenhouse effect
- Hydrosphere
- Lithosphere
- Non-renewable
- Renewable
- Sustainability
- Weathering

### How does ice shape the world?

- Corrie
- Deposition
- Erosion
- Glacier
- Ice sheet
- Moraine
- Tarn
- Weathering
- Zone of ablation
- Zone of accumulation

### What's the weather and climate like?

- Air mass
- Air pressure
- Continental
- Convectonal rainfall
- Frontal rainfall
- Maritime
- Prevailing wind
- Relief rainfall
- Temperate
- Tropical

### What makes India incredible?

- Deforestation
- Diversity
- Drought
- Flood
- Global city
- Monsoon
- Rural
- Seasonal
- Tourism
- Urban

# HISTORY

## ESSENTIAL VOCABULARY

### How did the Reformation matter to ordinary people?

- Catholic
- Church of England
- Dissolution
- Martin Luther
- Mass
- Monasteries
- Pope
- Protestant
- Reformation
- Vernacular

### Why were ordinary women accused of witchcraft in the 17th century?

- Colony
- Demonology
- Early modern
- Empire
- Familiar
- Heretic
- Malleus Malleficarum
- Medieval
- Superstition
- Witch finder

### Why did England go to war with itself?

- Civil War
- Divine Right of Kings
- Long term cause
- Parliamentarian
- Puritan
- Royalist
- Ship money
- Short term cause
- Tyranny

### What can we learn from evidence about the experience of slavery?

- Abolition
- Auction
- Colonisation
- Colony
- Empire
- Enslave
- Middle Passage
- Plantation
- Resistance
- Transatlantic

### What were the consequences of the British Empire in Hong Kong?

- Colonisation
- Colony
- Consequence
- Dynasty
- Emperor
- Empire
- Import
- Opium
- Qing
- Treaty

### Who lived in British America?

- Colony
- Empire
- Enslaved person
- Indentured Servant
- Indigenous
- Planter
- Powhatan (leader)
- Powhatans (people)
- Puritan
- Sugar Barons

### How did the Industrial Revolution change Britain?

- Change
- Chartist
- Cholera
- Continuity
- Industrial
- Laissez-faire
- Population
- Public health
- Revolution
- Trade Union

### Why did a First World War break out?

- Alliances
- Assassination
- Great Powers
- Imperialism
- Kaiser
- Long term cause
- Militarism
- Nationalism
- Short term cause
- Tension
- Trigger cause



# MATHEMATICS

## ESSENTIAL VOCABULARY

### Proportional Reasoning

- Enlargement
- Exchange rate
- Integer
- Proportion
- Ratio
- Reciprocal
- Scale factor
- Similar
- Simplify
- Unitary

### Developing Number

- Base
- Conversion
- Index/Indices
- Interest
- Metric
- Multiplier
- Profit
- Rounding
- Significant figure
- Standard form

### Representations

- Coordinate
- Correlation
- Gradient
- Intercept
- Line of best fit
- Origin
- Outcome
- Outlier
- Quadrant
- Sample space

### Developing Geometry

- Alternate
- Circumference
- Co-interior
- Corresponding
- Diameter
- Parallel
- Polygon
- Radius
- Transversal
- Trapezium

### Algebraic Techniques

- Equation
- Expand
- Expression
- Factorise
- Identity
- Index
- Inequality
- Simplify
- Solve
- Variable

### Reasoning with Data

- Frequency
- Grouped/Ungrouped
- Hypothesis
- Mean
- Pictogram
- Qualitative
- Quantitative
- Questionnaire
- Range
- Sample

# MUSIC

## ESSENTIAL VOCABULARY

### Guitar Skills

- Alternation
- Chord Diagram
- Chords
- Fret
- Plectrum
- Posture
- Strings
- Strum
- Tablature
- Tonality
- Tuning

### Composition Skills

- Chromaticism
- Cluster Chord
- Dissonance
- Drone
- Dynamics
- Leitmotif
- Mickey-Mousing
- Ostinato
- Pitch
- Software
- Timbre

### Blues Skills

- 12 bar Blues
- Blues scale
- Chord Progression
- Fluency
- Genre
- Improvisation
- Major
- Notation
- Simultaneous
- Structure
- Walking Bass

# PERSONAL, SOCIAL AND HEALTH EDUCATION

## ESSENTIAL VOCABULARY

### **Making Informed Decisions**

- Aspirations
- Careers education
- Employability
- Employment Sectors
- Labour Market Information
- Leadership
- Media
- Salary
- Self-esteem
- Teamwork

### **Protecting Yourself**

- Alcohol
- Child Sexual Exploitation
- Consent
- County Lines
- Drugs
- Gangs
- Self-Harm
- Stalking
- Vaping

### **Diversity**

- Attraction
- Cis-gender
- Equality Act
- Gender
- Heterosexual
- Homophobia
- Identity
- LGBTQAI+
- Pride
- Sex

# PHYSICAL EDUCATION

## ESSENTIAL VOCABULARY

### Striking and Fielding

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

### Athletics

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

### Net and Wall

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

### Movement and Replication

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

### Invasion

- Defence
- Intercept
- Marking
- Possession
- Tactics
- Technique

### Generic throughout all units

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

# RELIGION, PHILOSOPHY AND ETHICS

## ESSENTIAL VOCABULARY

### Why is Social Action important?

- Audience
- Charity
- Criteria
- Donation
- First Give
- Impact
- Objective
- Presentation
- Social Action
- Social Issue

### What are the Religions of India?

- Brahma
- Buddhist
- Diversity
- Guru Nanak
- Hindu
- Influence
- Shiva
- Sikh
- The Buddha
- Vishnu

### What are the Key Features of Islam?

- Hajj
- Mosque
- Muslim
- Peace
- Pillars of Islam
- Ramadan
- Salah/Salat
- Sawm
- Shahadah
- Zakah/Zakat

### What are the Key Features of Christianity?

- Afterlife
- Crucifixion
- Easter
- Historical Evidence
- Holy Trinity
- Omnibenevolent
- Omnipotent
- Omnipresent
- Omniscient
- Resurrection

# SCIENCE

## ESSENTIAL VOCABULARY

### Feeding and Movement

- Absorption
- Aerobic
- Anaerobic
- Circulatory system
- Deficiency
- Digestion
- Digestive system
- Enzymes
- Gas exchange
- Nutrients
- Respiration
- Respiratory system
- Ventilation

### Earth & Atmosphere

- Abrasion
- Biological weathering
- Chemical weathering
- Compression
- Deposition
- Erosion
- Freeze-thaw
- Igneous
- Metamorphic
- Physical weathering
- Porous
- Sedimentary

### Elements, Compounds and Mixtures

- Atoms
- Chemical change
- Chemical formulae
- Chemical property
- Compounds
- Decomposition
- Elements
- Mixtures
- Molecules
- Physical change
- Physical property
- Symbol equation

### Ecological Relationships and Microbes

- Adaptation
- Ecosystem
- Endangered
- Extinct
- Food chain
- Food web
- Habitat
- Interdependence
- Microorganisms
- Photosynthesis
- Population
- Respiration

### Electricity and Magnetism

- Current
- Electricity
- Electromagnet
- Electrons
- Magnetic field
- Magnetism
- Parallel circuit
- Power
- Resistance
- Series circuit
- Static electricity
- Voltage

### Forces and Space

- Balanced forces
- Friction
- Galaxy
- Gravity
- Mass
- Orbit
- Satellite
- Solar system
- Star
- Thrust
- Upthrust
- Weight

# TECHNOLOGY

## ESSENTIAL VOCABULARY

### Resistant Materials

- Acrylic
- Adhesive
- Annotation
- Automation
- Batch Production
- Beam
- Bending Force
- Column
- Component
- Compression Force
- Continuous Production
- Dynamic Force
- Frame Structure
- Flexible Manufacturing Systems (FMS)
- Gusset Plate
- Hardboard
- Jig
- Just in Time Manufacturing (JIT)
- Lean Manufacturing
- Lever
- Linkage
- Mechanical Advantage
- Mechanism
- Mitre Joint
- Motion
- Natural Structure
- Overproduction
- Pivot/Fulcrum
- Process
- Prototype
- Rebate
- Recycle
- Reuse
- Rigid Structure
- Scale of Production
- Shear Force
- Shell Structure
- Static Force
- Strut
- Sustainability
- Template
- Tension Force
- Torsion Force
- Triangulation

### Textiles

- Bias binding
- Block printing
- Cotton
- Design criteria
- Fabric pens/paints
- Fair trade
- Heat press
- Interfacing
- Manufacturing
- Mass production
- Mood board
- Net/template
- Organic cotton
- Plain weave
- Poly cotton
- Prototype
- Screen printing
- Thermo chromatic paint
- Transfer printing
- Zip

### Food

- Bacteria
- Balanced meal
- Biological raising agent
- Carbon Dioxide
- Chemical raising agent
- Creaming method
- Cross contamination
- Evaluation
- Food Poisoning
- Food processor
- Food temperature probe
- Glazing
- Kneading
- Mashing
- Multi-cultural
- Nutrients
- Proving
- Roux sauce
- Target group
- Temperature danger zone



THE  
**BRITTONS**  
ACADEMY