

# YEAR 6 CURRICULUM OVERVIEW

## ENGLISH

### **Punctuation and Grammar**

- Definition and use of pronouns, suffix, prefix, synonyms and antonyms
- Revision of Year 5 punctuation
- Use of colons, semi-colons, brackets
- Apostrophe
- Full punctuation of direct speech

### **Writing**

- Narrative description and story telling
- Poetry
- Letters – formal and informal
- Recording and writing reviews
- Reporting on school events and matches for the Manor Press
- Structure – BME
- Planning – mind maps/linear
- Writing play scenes
- Sets of instructions

### **Comprehension**

- Reading a variety of texts; fiction, non-fiction, poetry, plays, reference
- Comprehension passages and exam papers
- Instructions – giving and following
- Use of dictionary/thesaurus
- Reading periodicals
- Practice SAT's papers

### **Reading and language development**

- Individual books of own choice – monitored reading records
- Class reader: Carrie's war; The Lion the Witch and the Wardrobe; Skellig
- Variety of extracts from fiction, non fiction, poetry etc
- Poetry recitation, both individual and choral
- Crosswords
- Quiz
- General knowledge competition
- Extra reading group lessons

## **Spelling**

- Tested daily/weekly
- LOOK/COVER/CHECK/WRITE
- Vowels and consonants
- Anagrams and word games
- Alphabetical order/knowledge
- 'signposts to spelling' and 'SAT Buster' - CGP

## **Handwriting**

- Specific handwriting lessons using fountain or Berol Handwriter
- Correct joining and letter formation
- to achieve an individual, fluent style
- Copies of favourite poems/work

## **Listening and speaking**

- Prepare and deliver a talk to the class on a hobby
- Recording into tape
- Choral speaking – festival
- Word games

## **Drama**

- Improvisation
- Just a minute
- Mime
- Choral Speaking
- Eastbourne Festival
- Yr 6 Concert

## MATHS

- Mental mathematics: a programme of techniques, strategies – practice and consolidation – is followed throughout the year.
- Number: place value of decimals and whole numbers; ordering.
- Rounding, including significant figures.
- Estimation and approximation: Estimation of metric measures. Checking calculations using estimation.
- Number properties and patterns: Recognise and use multiples, factors, primes, squares and roots. Identify prime numbers. Use tests for divisibility.
- Pencil and paper methods: add & subtract decimals to 2 d.p; multiply & divide whole numbers and decimals by TU; problem solving.
- Solving problems using division, understanding the answers, including remainders.
- Convert fractions to decimals by division.
- Fractions, decimals and percentages: Know and use; converting equivalents; calculations involving each.
- Negative numbers: order, add & subtract; 4 rules of signs; simple substitution.
- Ratio, proportion and scaling.
- Efficient use of a calculator: BODMAS – correct order of processes; use of brackets; checking answers. Use to solve money problems.
- Algebra: revise BODMAS. Use brackets. Simple substitution into formulae.
- Simplify algebraic expressions – collect like terms.
- Shape, space & measures: metric and Imperial measures: capacity, mass, and length: reading scales; conversion; rough equivalence.
- Estimating measures.
- Perimeter and area of squares, rectangles & composites.
- Construction of 2D shapes; nets; scale drawing.
- Rotation / reflection, including symmetry & congruence.
- Co-ordinates in 4 quadrants.
- 3D drawings: 2D representation of 3-D objects. Surface area.
- Language, measurement, drawing and estimation of angles.
- Angles at a point, in a triangle and in quadrilaterals.
- Probability: scale from 0 to 1. Calculate and justify probabilities. Use experimental probability.
- Data handling: Averages: Mean, median, mode and range of discrete data. Collect and display grouped data.
- Draw and interpret Pie Charts, line graphs and conversion graphs.
- Revision and practice questions for SATs.
- Using & applying: a variety of short and longer, open-ended investigative tasks, covering pure arithmetic / spatial / sequences / graphical.
- Circles: circumference; solve problems
- Polygons: angle properties; shapes within; patterns; mystic rose; investigate no. of diagonals.

# **SCIENCE**

## **Classifying materials**

- Groups of rocks and soils
- Plant and animal cells
- Using microscopes
- Using keys to identify plants and animals
- Major groups of animals and plants

## **Acids and alkalis**

- Using indicators
- The pH scale
- Neutralisation
- Acid rain

## **Separating mixtures**

- Factors affecting solubility
- Filtering and evaporating
- Solvents
- Purification of drinking water

## **Electricity and magnetism**

- Electrical conductors and insulators
- Series and parallel circuits
- Lamps, buzzers, motors, switches –building and drawing circuits
- Magnetic and non magnetic materials
- Magnetic poles and fields of force
- Using a compass

## **Light and Sound**

- How light travels
- Shadows
- Reflection and refraction
- Colours of the spectrum
- How sounds are made and heard
- Pitch and loudness

## **Health**

- Causes of disease
- Prevention and cure
- Beneficial microbes, including decomposers

## **Humans as organisms**

- Re-cap of nutrition, circulation and movement
- Respiration
- Reproduction

## **Variation and Inheritance**

- Inherited and environmentally determined characteristics

## **The Earth and beyond**

- Movements of the Earth and Moon
- Shadows, night and day, seasons
- Planets in the Solar system
- Stars and constellations

## **Living things in their environment**

- Development of habitat work from Year 5

## **Pollution**

- Air pollution
- Litter
- Water pollution
- Noise pollution

# HISTORY

## **Ancient Greece**

- Map work on Greece
- What has survived from Ancient Greece
- How do we know about it –artefacts/sources.
- Language and learning –Homer/Iliad/Odyssey
- Everyday life
- Town life
- Schools
- Theatre
- Gods and goddesses
- Alexander the Great

## **Castles**

- When did castles come to England?
- What was their purpose?
- Kings, barons and knights
- Castle terminology
- Siege weapons and castle defence
- People who lived in a castle
- Everyday life – pastimes, sport, food

## **The Norman Invasion**

- Contenders for the throne
- Looking at evidence
- Character studies on Harold and William
- The Bayeux Tapestry
- The battle of Stamford Bridge
- Lead up to the battle
- Soldiers and weapons
- The battle of Hastings
- Why did William win? - ,essay

## GEOGRAPHY

- Where are the soccer grounds located and why?
- Decision making. Locate a new stadium
- Industrial sectors/Categories
- Primary Industry effects on landscape
- What is farming like and where do you find it
- Secondary Industries where are they?
- How has industry changed over time
- Case studies of Different industries
- Cars, Tourism, footloose
- Connected industries Globalisation
- Know the difference between weathering and erosion and how it takes place.
- How eroded material moves
- Know The features found on a river and the river profile
- Understand and describe how the major features of a river are formed.
- Know and understand the difference between Weather and Climate
- Know and understand the water cycle and the processes and links within it.
- Location of physical and Human features of Africa, South America
- Define the terms site and situation and know why settlements are located in particular places. And the names associated with their shape.
- To know the different land use models associated with settlements. To know what land is used for I the different areas of a city.
- To understand and give reasons why settlements grow and decline. Understand how the changes affect people.
- To define Migration and understand why it takes place in MEDC's and LEDC's
- Know the physical and human features of N. America.
- Understand what environmental issues are.
- To understand the conflicts of demand on different environments.
- To know that people plan and manage environments.

# FRENCH

## 'ENCORE TRICOLORE 1' ('Nouvelle edition')

Early units are mainly revision of topics and structures already met and will therefore be covered quickly. Preparation for French café work is an integral part of the syllabus

Each Unit includes revision and extension of vocabulary relevant to the topic and each unit includes an I.C.T. opportunity - detailed in the teacher's book.

### **Unit 1:** 'Bonjour':

- Greetings / names ages / 'ca va?'
- Masculine & feminine
- Numbers to 20

### **Unit 2:** 'J'habite ici':

- Saying where you live (a / en / au / dans)
- Numbers to 30 / combien / il y a
- Introduction to the negative

### **Unit 3:** 'Chez moi': Talking about families & homes

- possessive 'de'
- Days of week / numbers to 70
- Definite /indefinite articles
- Prepositions 'sur / sous / dans'
- Introduction to verb 'etre'
- Possessive adjectives (1<sup>st</sup> & 2<sup>nd</sup> person singular)
- Plural of nouns

### **Unit 4:** 'Les animaux' : Describing animals/pets (size / colour /opinions)

- Adjectival agreement
- 'Tu & vous'
- Introduction to verb 'avoir'
- Questions with 'est-ce que
- French alphabet & spelling

### **Unit 5 :** 'Des fetes' : Dates / discussing important events of the year

- Greetings & presents (birthday etc.)
- Verbs 'etre' & 'avoir'
- Plurals (nouns & adjectival agreement)

**Unit 6:** 'Qu'est-ce que tu fais?' :Sport & leisure activities

- The weather / temperature & seasons
- 'er' verbs including use of 'on'
- numbers to 100 ( some minus numbers)

**Unit 7 :** 'Une ville en France': Talking about places in town /obtaining maps + Information

- Asking for and giving directions/discussing
- distance
- Verb 'aller' + au /a la/ a l' / aux/ en
- Prepositions 'devant , derriere, entre'

**Unit 8:** 'Une journee scolaire': Understanding and giving time/asking about time

- School subjects ( expressing opinions)
- Verbs 'manger & commencer'
- Possessive adjectives
- Some examples of reflexive verbs

**Unit 9:** 'Mmn - c'est bon ca' Talking about food, meals and drinks  
( giving opinions)

- Accepting & declining food and drink
- Partitive article ( 'du /de la /de l' / des)
- Verb 'prendre'
- The negative ('ne.....pas')

\* **Unit 10 :** 'Amuse-toi bien' Leisure activities/music

- 24 hour clock
- verb 'faire'/verbs + infinitive
- 'jouer a' + sport / 'jouer de' + instruments

\* This unit is usually covered in Year 7

## LATIN

In Year 6, more individual translation work is begun, the grammatical material and vocabulary become more challenging, laying foundations for Common Entrance work in Years 7 & 8. There is still a significant non -linguistic, historical content to the course, which is also studied by pupils not continuing with the language.

**RESOURCE :** 'CAMBRIDGE LATIN COURSE ' - Book 1 (Units 1 - 9)  
(Translation, derivations and vocabulary are an integral part of each stage.)

### **Stage 1: Caecilius:**

- Revision of parts of speech
- Word order (position of 'est')
- Irregular verb 'esse' (present tense)
- Roman houses (mosaics)

### **Stage 2: in villa:**

- Revise subjects/objects
- Revise 'mensa' noun pattern
- Daily life (clothes and food)

### **Stage 3: negotium:**

- Revision of case names
- 2<sup>nd</sup> declension noun pattern 'amicus'
- Nominative and accusative of 3<sup>rd</sup> decl. ('em')
- The town of Pompeii

**Mythology :** Early Roman legend: 'Romulus and Remus'

### **Stage 4: in foro :**

- 'ego'/' tu' (pronouns)
- Revision of verb person
- " " " verb endings (1<sup>st</sup> conjugation)
- The forum

### **Stage 5: in teatro:**

- Cases (cont.) Explanation of remaining case uses.
- Revise singular and plural verbs ('t' + 'nt' endings)
- Verb endings for all 4 regular conjugations
- Begin C.E. vocab lists
- The theatre in Pompeii

**Stage 6: Felix:**

- Introduction to verb tense
- The imperfect tense endings
- The imperfect tense of 'esse'
- Verb analysis
- Revision of sing./plu.(subj. noun matching verb)
- Roman slaves and freedmen

**Stage 7: cena:**

- Identification of verb tenses
- Introduction to the perfect tense formation
- Roman death and burial

Preparation for & visit to Roman palace at Fishbourne, if applicable

Stages beyond 7 only to be attempted as extension work or in the case of the proposed syllabus proving insufficient.

## ICT

- Computer software can include a range of media and gives the user a range of options
- To design multimedia pages
- To sample sounds
- To produce a diagram that shows the links between pages and to create buttons to link pages
- To produce a diagram that shows the links between pages and to create buttons to link page
- To use a multimedia authoring package to organise, refine and present information in different forms for a specific audience
- That mathematical models can be explored using a spreadsheet
- To identify formulae and enter them into a spreadsheet
- To copy cells
- To use a spreadsheet to draw a graph
- To change the data and formulae in a spreadsheet to answer ‘what if ...?’ questions and check predictions
- That newspapers use a variety of presentation techniques and written effects to communicate messages
- To alter font size and use effects to indicate relative importance
- That ICT can be used to reorganise text to make its meaning clearer
- To use cut and paste to reorder a piece of text
- That ICT can be used to amend text
- To delete, insert and replace text to improve clarity and create mood
- That ICT can be used to correct mistakes
- To use spell-check
- That ICT can be used to automate the amendment of text
- To amend text using find and replace

## ART

In Year 6 we introduce the Design Technology modules which will form the basis of their further experimentation in this medium. We work in wood and after preliminary introduction to the different tools and ways of using them; the children are lead through a module of house-building based upon the timber-frame structures of the Mediaeval period. This ties in well with history. The form visits the Singleton Open-Air Museum and studies the shapes, forms and structures and their uses. These are assimilated into their designs. Different media and materials are experimented with. Other art forms are investigated in this year with an in-depth study of six art styles, ranging from Icons to Cubism, Mannerism to Surrealism. Here the children learn about the varied ways of application of materials used throughout the great eras of painting.

## **MUSIC**

- Exploring rounds
- Exploring sound sources / Year 6 Concert
- Lyrics & melody
- Rhythm & pulse
- Performing together
- Exploring musical process

## **PRHSE**

- New beginnings
- Say no to bullying
- Getting on and falling out
- Going for goals
- Good to be me
- Relationships
- Changes

## **P.E/GAMES**

- Swimming
- Gymnastics.
- Hockey
- Football
- Netball
- Cross country
- Dance
- Rugby
- Rounders
- Cricket