

Year 10 AP1 Topic Lists

6th - 10th December 2021



Cardinal Pole Catholic School

Year 10 Timetable

YEAR 10	Monday 1		Monday 2		Monday 3		Tuesday 1		Tuesday 2		Tuesday 3	
	Subject	Room	Subject	Room	Subject	Room	Subject	Room	Subject	Room	Subject	Room
ARW	RE	Sports Hall	Revision	J215	Biology	Sports Hall	Option A: French, History, Spanish, Food, PE, Sociology, Business	Sports Hall	Revision	J215	English (1h 45)	Sports Hall
CAM			Revision	J220					Revision	J220		
CTW			Revision	J224					Revision	J224		
LIN			Revision	J211					Revision	J211		
MOR			Revision	J214					Revision	J214		
SWL			Revision	J213			3D Design	T027	Revision	J213		
WRD			Revision	J212			VCERT PE	J215	Revision	J212		

YEAR 10	Wednesday 1		Wednesday 2		Wednesday 3		Thursday 1		Thursday 2		Thursday 3	
	Subject	Room	Subject	Room	Subject	Room	Subject	Room	Subject	Room	Subject	Room
ARW	Chemistry	Sports Hall	Revision	J215	Option B: History, Spanish Geography, History, French	Sports Hall	Maths	Sports Hall	Revision	J215	Option C: Drama, Geography, History, Business	Sports Hall
CAM			Revision	J220					Revision	J220		
CTW			Revision	J224					Revision	J224		
LIN			Revision	J211					Revision	J211		
MOR			Revision	J214					Revision	J214		
SWL			Revision	J213					Revision	J213	Art	T214
WRD			Revision	J212					Revision	J212	Photography	T005

YEAR 10	Friday 1		Friday 2	
	Subject	Room	Subject	Room
ARW	Revision	J215	Physics	Sports Hall
CAM	Revision	J220		
CTW	Revision	J224		
LIN	Revision	J211		
MOR	Revision	J214		
SWL	Revision	J213		
WRD	Revision	J212		

3D Design

Design pages for a lamp.

Art

Unit 1 theme 'Ordinary and/or Extraordinary'.

Manipulated composition along personal sub theme.

Biology

- B1: Cell Biology
- B2: Organisation
- B3: Infection and Response

Business

Market share

USP

Sources of finance

Market research

Costs - FC and VC

Cash flow

Type of ownership

Marketing mix

Why business ideas come about

Market mapping

Decision making and competition

Break Even

Impact of social media

Profit

Market segment

Exchange rates

Stakeholder

Business plan

Competitive market

Chemistry

- C1: Atomic Structure and the Periodic Table
- C2: Structure and Bonding
- C3: Quantitative Chemistry
- C4: Chemical Changes

Drama

The Crucible Written Exam

What to revise:

- Events of the play
- Characters
- Puritan Lifestyle (1692 context)
- Production elements key and technical terminology:
 - o Lighting
 - o Set
 - o Costume (1692 clothing)
- Your production element ideas for each act of the play in:
 - o Lighting
 - o Set
 - o Costume
- The overall themes of the play
- The writing structures for each question

English Language

Your Language Paper 1 assessment will take 1 hour and 45 minutes (in the Sports Hall). You will read an extract from a fiction text and answer five questions:

1. List four things about...
2. Language analysis
3. Structure analysis
4. A student said '.....'. To what extent do you agree?
5. Creative writing (story/descriptive writing)

English Literature

Your A Christmas Carol assessment will take 50 minutes (in lesson time, the week of 29th November). You will read an extract from the novel and answer an essay question. You will need to analyse the extract and the whole novel.

Topics:

- Characters: Scrooge, the ghosts and the Cratchit family
- Themes: poverty, redemption and charity

Food

The hospitality and Catering Industry

French

- revising family and describing people
- revising places in town and activities
- talking about friends and what makes a good friend
- using irregular 'er' verbs in the present tense
- Present tense practice and testing
- talking about family relationships
- using reflexive verbs in the present tense
- making arrangements to go out
- using the near future tense
- describing a day out
- using the perfect tense
- discussing role models
- Using the present and perfect tenses together
- Revising leisure activities
- talking about using technology and your life online
- using irregular verbs in the present tense
- Using the comparative
- discussing reading books and music
- using negatives (ne...pas/ne... jamais etc)
- introduction of the imperfect tense
- talking about television programmes
- using the comparative
- *review of film genres*

Geography

Coastal Landscapes

- Weathering
- Hard/Soft Engineering
- Constructive/Destructive Waves
- Mass Movement
- Coastal recession

Energy

- Fraking
- UK's Energy Mix

History

Crime, Law enforcement and Punishment in medieval England

- Tithings
- Trial by ordeal
- The role of the church
- Norman invasion and the changes this brought
- Changing definitions of crime, punishment and law enforcement
- Can you explain how and why crime and punishment changed/stayed the same over time?

Crime, Law enforcement and Punishment in early modern England

- Changing definitions of treason
- Heresy in Tudor Period
- Witchcraft rise and decline
- Gunpowder plot
- Bloody Code
- Transportation to north America
- Changing definitions of crime, punishment and law enforcement
- Can you explain how and why crime and punishment changed/stayed the same over time?

Maths

Year 10 Higher 1	Year 10 Higher 2	Year 10 Foundation
Directed Numbers Estimating Bounds Compound measures Sectors and arcs Pyramids, cones and spheres Simultaneous equations Solving Quadratics Quadratic simultaneous equations Reverse Percentages and fractions Interest (Simple interest, Compound interest and depreciation) Recurring Decimals Comparing Value Direct and Inverse Proportion (Algebraic) Drawing Graphs From Ratio Sampling Venn Diagrams	BIDMAS Directed Numbers Estimating Volume of prisms Surface area Compound measures Rearranging formulae Simultaneous equations Solving Quadratics Four Operations with Fractions Percentage Change Reverse Percentages and fractions Direct Proportion Comparing Value Direct and Inverse Proportion (Algebraic) Sampling Venn Diagrams	Decimals BIDMAS Directed Numbers Area of compound shapes Area and circumference of circles Volume of prisms Solving linear equations Inequalities Further Solving Equations Fractions of amounts Percentage increase and decrease Four Operations with Fractions Dividing in a given ratio Direct Proportion Comparing Value Two Way Tables Bias

PE (GCSE)

The human body and movement in physical activity and sport

Health and fitness recap, including the relationship between health and fitness.
The components of fitness.
Linking sports and activities to the required components of fitness.
Reasons for and limitations of fitness testing.
Measuring the components of fitness and demonstrating how data is collected.
The principles of training and overload.
Measuring the components of fitness and demonstrating how data is collected.
Types of training.
Types of training (continued) with reference to the advantages and disadvantages of using these types for different sports.
Calculating intensity.
Considerations to prevent injury.
High altitude training and seasonal aspects.
Warming up and cooling down.
Bones and the functions of the skeleton.
Structure of the skeletal system/functions of the skeleton.
Recap on bones and functions.
Muscles of the body.
Effects of exercise – immediate, short and long term.

Physics

- P1: Energy
- P2: Electricity
- P3: Particle Model of Matter

RE

Arguments for the existence of God

- Revelation
- Visions
- Religious experiences
- The Design Argument
- Suffering

Catholic Practices

- The sacramental nature of reality
- Liturgical worship
- The funeral rite
- Prayer
- Forms of popular piety
- Pilgrimage
- Catholic Social Teaching
- Catholic mission and evangelism

Sociology

1. Family forms
2. Functions of the family
3. Conjugal Role Relationships
4. Changing relationships within families
5. Criticisms of families
6. Divorce

Spanish

<ul style="list-style-type: none"> -Discussing holidays and weather -Revising the present and preterite tense. -Saying what you do in summer. -Using the present tense. -Listening to identify the person of the verb. -Talking about holidays preferences. -Using verbs of opinion to refer to different people. -Understanding percentages. - Saying what you did on your holidays. -Using the preterite tense. -Using different structures to give opinions. -Describing where you stayed. -Using the imperfect tense. -Working out the meaning of new words. -Booking accommodation and dealing with problems. -Using verbs with usted. -Using questions to form answers. -Giving an account of a holiday in the past. - Using three tenses together. -Identifying positive and negative opinions. 	<ul style="list-style-type: none"> -Giving opinions about school subjects. -Describing school facilities, uniform and school day. -Using adjectives. -Talking about school subjects and teachers. -Using comparatives and superlatives. -Justifying opinions using a range of language. -Describing your school. -Using negative structures. -Comparing then and now – imperfect. -Talking about school rules and problems. -Using phrases followed by the infinitives. -Tackling harder listening exercises. -Talking about plans for a school exchange. -Using the near future tense. -Asking and answering questions. -Talking about activities and achievements. -Using object pronoun. -Saying how long you have been doing something. -Development of listening, speaking, writing and reading skills.
--	---

Revising and interiorising new vocabulary, grammar and skills developed throughout the module.

Looking into exam questions and model answers.