Year 10 AP2 Topic Lists

27th June – 1st July 2022



Cardinal Pole Catholic School

3D Design

You will be assessed on your practical skills. You will progress on a specific element within your current 'Lamps & Lighting' project and will be marked on your accuracy, technical ability, problem solving and ability to work independently. This is in line with the GCSE assessment objective to present a skilled and refined final product.

Art

Design Idea 1 along the theme 'Order and Disorder'

Success Criteria:

- > Develops an idea along the theme
- > Links to chosen artists
- > At least part of the idea is drawn from your own primary sources
- > Relevant style choice
- > Relevant media choice
- > Fulfils your aims and intentions how do you want the viewer to respond?

Check List of other work that will be marked:

- > 4 Artist's studies with keyword links
- > A range of experimental drawings and paintings using organic forms
- > Primary sources (photographs or drawings from life) of selected genre (portrait / landscape / figure / still life)
- > Experimental drawings and paintings from own sources
- > Mock ups for Design Idea 1

Business

Employment motivation

Organisational structure Recruitment Sources of finance External growth **Gross Profit** Product Life Cycle Product Design Mix Sales Process Sales revenue Globalisation **Business** ownership Customer service Stock Bar Chart Market Share Business Stakeholders – pressure groups Recruitment

Drama

The Crucible

What to revise:

- Events of the play
- Characters their relationships and their character arc's
- Puritan Lifestyle (1692 context) When was the play set? What are the key aspects of the time period in which the lay is set?
- Production elements key and technical terminology:
 - o Lighting e.g. Fade, Lantern, Wash, Shadow, Spot etc.
 - o Set e.g. Backdrop, Stage Flat, Set Dressing, Wings etc.
 - o Costume (1692 clothing) e.g. Bonnet, Petticoat, Apron, Clerical Collar etc.
- Your production element ideas for each act of the play in:
 - Lighting
 - o Set
 - o Costume
- The overall themes of the play
- The writing structures for each question

English Literature

Macbeth

Your English Literature AP2 is 1 hour long. In this hour, you will read an extract from *Macbeth* and answer an essay question.

The question will focus on the character of Macbeth. You need to know:

- How he is presented as violent and loyal at the beginning of the play
- How he responds to the idea of killing Duncan and his response to the murder
- How he interacts with supernatural elements (Banquo's ghost and the witches)
- How he is presented as arrogant and underserving at the end of the play

You will be tested on how well you

AO1 – write an informed, personal response with **quotations**

AO2 – **analyse the language, form and structure** used by Shakespeare to create meanings with correct **subject terminology**

AO3 – show an understanding of the relationships between the play and the **context** in which it was written

English Language

Your English Language AP2 is 1 hour long. In this hour, you will have to write an article in response to a statement.

What must you include?

- **1. Headline** Your headline should be short, snappy and alliterative. It should hint at your point of view about the topic of the story but not give too much away.
- **2. Strapline** Your strapline should summarise your whole article in one or two sentences. At the very least we want to know who, what, why, where, when.
- **3. Introductory paragraph** This references the quote in the exam question and firmly states your point of view.
- **4. Subheadings** A sub-heading short be short and summarise the next paragraphs.
- **5. Concluding paragraph** this references the quote in the exam question and firmly re-states your point of view. Use a cyclical structure and return to similar sentences and ideas from your introduction.



Food

- 1. Jobs, services and working conditions in H & C
- 2. Food safety legislation
- 3. Nutrient and water
- 4. Nutritional needs for specific group
- 5. Menu planning
- 6. Menu planning- meeting customer care
- 7. Production of dishes for a menu

French

Module 1: Myself and others	
TOPICS	SKILLS
 revising family and describing people revising places in town and activities talking about friends and what makes a good friend talking about family relationships making arrangements to go out describing a day out discussing role models Revising leisure activities 	 using adjectives for different genders/number using irregular 'er' verbs in the present tense Present tense practice and testing using reflexive verbs in the present tense using the near future tense using the perfect tense Using the present and perfect tenses together
Module 2: Pastimes and hobbies	
TOPICS	SKILLS
 talking about sport talking about using technology and your life online discussing reading books and music talking about television programmes review of film genres 	 using depuis + present tense using irregular verbs in the present tense Using the comparative (more / less) using negatives (nepas/ne jamais etc) introduction of the imperfect tense using the comparative (more/less)
Module 3: Festivals and celebrations	
TOPICS	SKILLS
 talking about food and meals Discussing clothes and what to wear describing your daily life shopping for clothes review of numbers and transactional language for a shop setting (roleplay activities) describing festivals and traditions talking about shopping for a special meal talking about food for a special occasion Describing family celebrations 	 using devoir and pouvoir review of daily routine vocabulary and reflexive verbs using quel(s)/ quelle(S) for 'what/which' and ce/cet/cette/ces for 'this/these' Asking questions using 'est-ce que?' and 'qu'est-ce que?' using a combination of tenses (H) using the present and near future tense Using past, present and future tenses together using 'venir de' + infinitive (H)
Module 4: My town and neighbourhood	
TOPICS	SKILLS
- Talking about where you live and what you can do there - Revising places in town and giving directions - Describing a region/area - finding out tourist information - discussing what to see and do - discussing plans and the weather - Using the future simple for weather forecasts/ making plans	 using the superlative asking questions (using quel(s)/quelle(s) using 'si' clauses using negatives review of the imperfect tense using the present, perfect and future tenses

- talking about your town, village or
neighbourhood

- describing issues in town and what they would change (conditional)
- describing community projects

Module 5: Holidays – past, present, future and ideal

TOPICS	SKILLS
- dealing with a hotel stay	- using the nous form of the verb and notre/no
- Talking about travelling	- More practice of the comparative
- Saying what you do and did on holiday	- using 'avant de' + infinitive (H)
- talking about an ideal holiday	- Using the present and perfect tenses
- ordering in a restaurant	- Using expressions with avoir
- talking about holiday disasters	- using en + the present participle (H)
,	- Using three time frames

Geography

Resource Management:

Consumption of energy, energy mix

Fracking, Nuclear power, Hydroelectric power, other renewables

River Landscapes:

River basins, river processes

Upper, Middle, and Lower course landforms

The river Wye and management strategies

Ecosystems:

Types, examples, and distribution of ecosystems

Nutrient cycle, plant and animal adaptations

Deforestation, ecotourism, conservation in tropical rainforests

History

Section 1- Crime and Punishment

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

·Skills:

- Can you explain how and why crime and punishment changed/stayed the same over time?
- Can you justify your arguments?

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?

·Skills:

- Can you explain how and why crime and punishment changed/stayed the same over time?
- Can you justify your arguments?

Crime, Law enforcement and Punishment in modern England

- · Conscientious Objectors
- . New Crimes (Race crime, homophobia, cybercrime)
- . Specialisation of the police (Drug units etc.)
- . Abolition of the death penalty Derek Bentley, Timothy Evans, Ruth Ellis
- . New technology (CCTV, DNA testing)
- .New punishments- ASBOs, Increased use of prisons, ankle monitors etc.

·Skills:

- Can you explain how and why crime and punishment changed/stayed the same over time?
- Can you justify your arguments?

Whitechapel

- . Organisation of H Division
- . Problems faced by the police
- . Jack the Ripper investigation (Police methods and problems)
- . Living conditions in Whitechapel
- . Provisions for the poor
- . Immigration

.Skills

- -Can you judge utility of a source based on the content and provenance (SIKUNOPU)
- -Describe two key features of
- Follow up a source for an enquiry and state why your chosen source would be appropriate

Section 2- Elizabeth I

Early problems

- .Legitimacy
- .Gender
- .Finance
- .Risk of foreign invasion
- .Religion
- .Mary Queen of Scots

Religious Settlement

- . Act of Supremacy
- .Act of Uniformity
- .Royal Injunctions
- .Puritan threat (Crucifix controversy, Vestment controversy)
- . Catholic threat (Recusants, Rebellion of the Northern Earls)

Rebellions

- .Rebellion of the Northern Earls
- .Ridolfi Plot
- . Throckmorton Plot
- .Babington Plot (inc. death of Mary Queen of Scots)

Exploration

- .Why exploration increased
- .The role of Francis Drake/ Circumnavigation
- .The establishment of Virginia and its failure

Anglo-Spanish relations

- .Role of religion
- .Role of Francis Drake/Piracy
- .Role of Plots
- .Issues in the Netherlands
- .Competition in colonisation
- . Spanish Armada

Poverty

- .Who were the poor?
- .Why did poverty increase?
- .What help was available for the poor?

Society

- .Role of Elizabethan government and court
- . Elizabethan entertainment
- .Elizabethan education

Maths

	Foundation (Sets 6-7)	
Paper 1 (Non-Calculator)	Paper 2 (Calculator)	Paper 3 (Calculator)
Powers	Data from a table	Simplifying expressions
Rounding to 3 decimal places	Forming expressions	Rounding to significant figure
Multiplying terms	Fraction of a quantity	Barchart
Changing fraction to		
percentage	Fraction to ratio	Ordering fractions
Percentage of a quantity	Averages	Tally chart
Probability scale	Sample space	Pictograms
Real life money question	Real life money problem	Real life money problem
Multiplying fractions	Angles in a triangle	Probability
Subtracting fractions	Surface area of a cuboid	Square numbers
Simplifying ratio	Currency exchange	Prime numbers
Sequences	Venn diagrams	Angles at a point
Probability	Simultaneous equation	Real life money problem
Estimating height	Median from a frequency table	Conversion graphs
Drawing pie chart	Ratio/Fraction/Percentages	Using Claculator effectively
Area of triangle and rectangle	Regular polygons	Rotation
Substitution	Density	Reflection
Direct proportion	Similar shapes	Factorising
Estimation	Plotting of reciprocal graphs	Standard form
Solving linear equations	Upper and lower bounds	Estimating probability
Integer values of inequalities	Reverse percentage	Hard ratio question
Percentage increase		Plans and elevation
Scatter graphs		Speed
Multiplying decimals		Similar shapes
Product of prime factors		Compound Interest
Expanding brackets		Error interval
Pythagoras Theorem		Solving quadratics
Equation of a line		
Vectors		

Higher (Sets 1-5)			
Paper 1	Paper 2 (Calculator)	Paper 3 (Calculator)	
Scatter graphs	Simultaneous equation	Estimating probability	
Multiplying decimals	Venn diagrams	Hard Ratio	
Product of prime factors	Fractions	Plans and elevations	
Expanding brackets	Regular polygons	Speed	
Pythagoras Theorem	Density	Similar shapes	
Equation of a line	Area of circle	Compound Interest	
Reverse mean	Trigonometry	Error interval	

Standard form	Boxplots	Cumulative Frequency
Reverse percentages	Compound interest	Transformation
Triple brackets	Ratio/Percentage/Fractions	Standard Form
Turning Points	Regions	Algebraic fractions
Fractional and negative indices	Subject of the formula	Probability tree
Inverse Proportion	Simplifying rational expressions	Circle Theorems
	Area of triangle using	
Hard Ratio question	1/2abSinC	Histogram
Proof	Iteration	Recurring decimals
Probability	Bounds	Area of sector
Vectors	Circle Theorem	Indices
Quadratic simultaneous		
equation	Quadratic inequality	Algebraic fractions
Proof	Equation of a circle	Area of circle
		Quadratic sequences
		Equation of a line

PE (GCSE)

	Topic	Revised?
1	Components of Fitness	
2	Components of Fitness linking to sporting activities	
3	Reasons for and limitations of fitness testing	
4	Measuring the components of fitness and demonstrating how data is collected	
5	The principles of training and overload	
6	The role of carbohydrates, fat, protein, vitamins and minerals.	
7	Types of training	
8	Types of training (continued) with reference to the advantages and disadvantages of using these types for different sports	
9	Considerations to prevent injury	
10	Warming up and cooling down	
11	Definition of and types of goals	
12	The use of and evaluation of setting performance and outcome goals	
13	Basic information processing model	
14	Identify examples of, and evaluate, the effectiveness of types of guidance and feedback	
15	Blood vessels.	
16	Lactic Acid	

PE (VCERT)

You have already sat your external exams so you will have a normal VCERT PE lesson during AP2 week.

Catholic Beliefs

- The Trinity
- The Trinity in the Bible
- Creation
- Creation and the nature of humanity
- The Incarnation
- The Paschal Mystery
- The significance of the Paschal Mystery
- Eschatology

Jewish Practices

- Public acts of worship
- The Tenakh and Talmud
- Private prayer
- The Shema and Amidah
- Ritual and ceremony
- Shabbat
- Festivals
- Features of the synagogue

Sources of Wisdom and Authority

- The Bible
- Interpretation of the Bible
- The magisterium
- The Second Vatican Council
- The Church as the Body of Christ
- The four marks of the Church
- Mary as a model of the Church
- · Personal and ethical decision-making

Science

3 exams, 90 minutes each

Biology:

- B1 Cell Biology
- B2 Organisation
- B3 Infection and Response
- B4 Bioenergetics
- B5 Homeostasis

Chemistry:

- C1 Atomic Structure and the Periodic Table
- C2 Structure and Bonding
- C3 Quantitative Chemistry
- C4 Chemical Changes
- C5 Energy Changes
- C6 Rate and Extent of Chemical Change

Physics:

- P1 Energy
- P2 Electricity
- P3 Particle Model
- P4 Atomic Structure
- P5 Forces

Families

Topic	Shade Red/A mber Green	Confi dence Ratin g 1-10
Differing views of the functions of families		
Murdock's functions of families (sexual, reproductive, economic and		
educational)		
Parsons functionalist perspective on primary socialisation and the stabilisation		
of adult personalities.		
Zaretsky's Marxist perspective on the role of the family (cult of family life, unit		
of consumption)		
Sociological perspectives on the functions of families (functionalist, feminist,		
Marxist and New Right)		
How family forms differ in the UK and within a global context (alternatives to the		
family, polygamy, communes, one-child policy)		
Family forms (nuclear, extended, reconstituted, lone parent, single sex).		
The Rapoports on family diversity (organisational, cultural, social class, life cycle,		
cohort)		
Different views of conjugal role relationships (Joint and segregated conjugal		
roles)		
Domestic division of labour in both traditional and contemporary families		
Issues that impact on conjugal role relationships within the contemporary		
(decision making, money management, dual career families, child rearing and		
leisure activities)		
The feminist perspective of Oakley on the idea of the conventional family.		
Changing relationships within families & how relationships within families have		
changed over time (reduced marriage, smaller families, increased lone-parent		
families)		
Sociological perspectives on changing relationships within families (functionalist,		
feminist, Marxist and New Right)		
The theory of the symmetrical family and the principle of stratified diffusion		
developed from the functionalist perspective of Willmott and Young		
Divorce rates, reasons for divorce and consequences of divorce		
Theories of divorce (functionalist, feminist, Marxist and New Right)		
Differing views of the functions of families		
Murdock's functions of families (sexual, reproductive, economic and		
educational)		
Parsons functionalist perspective on primary socialisation and the stabilisation		
of adult personalities.		
Zaretsky's Marxist perspective on the role of the family (cult of family life, unit		
of consumption)		
Sociological perspectives on the functions of families (functionalist, feminist,		
Marxist and New Right)	<u> </u>	

How family forms differ in the UK and within a global context (alternatives to the	
family, polygamy, communes, one-child policy)	
Family forms (nuclear, extended, reconstituted, lone parent, single sex).	
The Rapoports on family diversity (organisational, cultural, social class, life cycle,	
cohort)	
Different views of conjugal role relationships (Joint and segregated conjugal	
roles)	
Domestic division of labour in both traditional and contemporary families	
Issues that impact on conjugal role relationships within the contemporary	
(decision making, money management, dual career families, child rearing and	
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Sociological perspectives on changing relationships within families (functionalist,	
feminist, Marxist and New Right)	
The theory of the symmetrical family and the principle of stratified diffusion	
developed from the functionalist perspective of Willmott and Young	
Divorce rates, reasons for divorce and consequences of divorce	

The Sociology of Education

Topic	Shade Red/Am ber Green	Confiden ce Rating 1-10
The functions of the education system according to functionalists		
The functions of the education system according to Marxists, with reference to Bowles and Gintis		
Different types of secondary schools within Britain today		
Social Class and educational achievement, with reference to Hasley, Heath and Ridge (1980) and Stephen Ball (1981)		
The pros and cons of primary research methods such as; longitudinal research, interviews and observation		
School subcultures		
Alternative Education		
A discussion surrounding gender differences in educational achievement		
A discussion surrounding ethnic differences in educational achievement		
A discussion surrounding how the education system transimits norms and values within society		
Educational policies from 1988, 1997 and 2010		

Spanish

Module 1: Myself and others	
TOPICS	SKILLS
 revising family and describing people revising places in town and activities talking about friends and what makes a good friend talking about family relationships making arrangements to go out describing a day out discussing role models Revising leisure activities 	 using adjectives for different genders/number using irregular 'er' verbs in the present tense Present tense practice and testing using reflexive verbs in the present tense using the near future tense using the perfect tense Using the present and perfect tenses together
Module 2: Pastimes and hobbies TOPICS	SKILLS
 talking about sport talking about using technology and your life online discussing reading books and music talking about television programmes review of film genres Module 3: Festivals and celebrations TOPICS talking about food and meals Discussing clothes and what to wear describing your daily life shopping for clothes review of numbers and transactional language for a shop setting (roleplay activities) describing festivals and traditions talking about shopping for a special meal talking about food for a special occasion 	- using depuis + present tense - using irregular verbs in the present tense - Using the comparative (more / less) - using negatives (nepas/ne jamais etc) - introduction of the imperfect tense - using the comparative (more/less) SKILLS - using devoir and pouvoir - review of daily routine vocabulary and reflexive verbs - using quel(s)/ quelle(S) for 'what/which' and ce/cet/cette/ces for 'this/these' - Asking questions using 'est-ce que ?' and 'qu'est-ce que ?' - using a combination of tenses (H) - using the present and near future tense
- Describing family celebrations Module 4: My town and neighbourhood	- Using past, present and future tenses together - using 'venir de' + infinitive (H)
TOPICS	SKILLS
 Talking about where you live and what you can do there Revising places in town and giving directions Describing a region/area finding out tourist information discussing what to see and do discussing plans and the weather 	 using the superlative asking questions (using quel(s)/quelle(s) using 'si' clauses using negatives review of the imperfect tense using the present, perfect and future tenses

- Using the future simple for weather
forecasts/ making plans

- talking about your town, village or neighbourhood
- describing issues in town and what they would change (conditional)
- describing community projects

Module 5: Holidays – past, present, future and ideal

TOPICS	SKILLS
 dealing with a hotel stay Talking about travelling Saying what you do and did on holiday talking about an ideal holiday ordering in a restaurant talking about holiday disasters 	 using the nous form of the verb and notre/nos More practice of the comparative using 'avant de' + infinitive (H) Using the present and perfect tenses Using expressions with avoir using en + the present participle (H) Using three time frames