



ST CHRISTOPHER'S

A CHURCH OF ENGLAND ACADEMY

REVISION GUIDE

2021-22



BUSINESS

- Business Activity
- Influences
- Operations
- Finance
- Marketing

CHILD DEVELOPMENT

- Factors to think about when planning a family – eg Money, Age, Career, Housing
- Pre Conceptual Health – Healthy living before becoming pregnant
- Male and Female reproductive systems
- Contraceptive methods, advantages and disadvantages
- Stages of pregnancy
- Roles of the different health professionals the mother will come into contact with and why
- Routine and Diagnostic checks during pregnancy
- Choices available for Delivery
- Stage of labour, methods of delivery and pain relief
- Post Natal checks of the new-born baby e.g. APGAR, Reflexes and why they are carried out
- The needs and care of a premature baby
- Conditions needed for caring for a baby, e.g. warmth, food, love and nurture, boundaries etc.
- What is immunity and Vaccinations? How do they prevent diseases?
- Recognising and treating childhood illnesses and knowing when to seek help e.g. doctor, hospital.
- Diet related illnesses e.g. obesity, allergies, intolerances
- How to care for an ill child emotionally, physically and socially
- How to prepare a child for a stay in hospital e.g. stories, visits etc.
- What is a safe home environment? How to prevent accidents in the home and outside
- Safety labels in clothes, furniture, toys etc.
- Social, road and online safety.

COMPUTING

COMPUTER SCIENCE PAPER 1

- SLR1.1 - Systems architecture
- SLR1.2 - Memory
- SLR1.3 - Storage
- SLR1.4 - Wired and wireless networks
- SLR1.5 - Network topologies - protocols and layers
- SLR1.6 - System security
- SLR1.7 - Systems software
- SLR1.8 - Ethical - Legal - Cultural and Environmental concerns

COMPUTER SCIENCE PAPER 2

- SLR2.1 - Algorithms
- SLR2.2 - Programming techniques
- SLR2.6 - Data representation (up to hexadecimal conversions)

iMEDIA

- Pre-production documents (mind maps, mood boards, scripts, storyboards, visualisation diagrams)
- Client requirements
- Work plans and production schedules
- Target audience
- File formats
- Health and safety

DESIGN TECHNOLOGY

Please follow this [link](#) to download a copy of the Design Technology revision topics.

ENGLISH

PAPER 1 LANGUAGE

- a. Fiction Comprehension
- b. Narrative writing

PAPER 2 LITERATURE

- a. Shakespeare

FOOD PREPARATION AND NUTRITION

Your written exam contributes 50% to your final grade. Page numbers refer to your on-line text book.

- 1) **Cooking methods (pages 68-74)**
 - a) Temperatures, Heat transfer method, Used for, Safety, Nutrition
 - b) Cooking Meat – pages 275-279
- 2) **The Eatwell Guide (pages 44-45)**
 - a) Carbohydrates
 - b) Fats
 - c) Protein foods
 - d) Water
- 3) **Eggs (pages 294-303)**
 - a) Nutrition
 - b) Production methods
 - c) Functions in recipes
- 4) **GM foods (pages 124-125)**
- 5) **Food packaging (pages 92-94)**
 - a) Functions of packaging
 - b) Safety
- 6) **Refrigeration (pages 84-90)**
- 7) **Nutrition and life stages (pages 53-57)**
 - a) Toddlers
 - b) Teenagers
 - c) Adults
 - d) Elderly
- 8) **Food Provenance (pages 96-99)**
- 9) **Food Security (page 104)**
- 10) **Food Sustainability (page 102)**
- 11) **Food Waste (pages 102-104)**

WHERE CAN I FIND RELIABLE INFORMATION TO REVISE?

1. The first place you should go is the notes in your folder and the revision resources you have already made for your end of topic tests.
2. You also have access to a 446 page, very detailed, extensive, on-line, text book using the following web site and log in details, which you have been using:

Web address:

www.illuminate.digital/eduqasfood

Username:

SCHRIS4

Password:

STUDENT4

3. There is also a very informative website which is excellent for learning the nutritional facts of this course, in particular, which I recommend: www.foodafactoflife.org .
4. If you like to learn on line then there is also a website called Seneca Learning, with a section dedicated to this exam that takes pupils through the theory topics and then tests you. You may already use it for Science but will need to add the Eduqas Food Preparation and Nutrition module at <https://app.senecalearning.com/login> .
5. In addition I hope you all now have a revision guide with practice questions in (see me if not).
6. I will also be creating a shared area on synergy where I will place all my revision materials too.

GEOGRAPHY

Your PPE will consist of 2 exam papers. Unlike the final exam, these will be split into topics taught in Year groups (i.e. Y10 and Y11), and all topics to the end of “Living World” in Y11 will be covered on the exam. Key overview themes are picked out below, but any work on each topic could be tested.

PAPER 1 (Y10 WORK) – 1 HOUR 45 MINS

NATURAL HAZARDS (33 MARKS)

- Tectonic Hazards – to include all work on Plate Boundaries, Earthquakes (including 2 key case studies of earthquakes in a HIC and an LIC), Predicting and Preventing Earthquakes
- Atmospheric Hazards – to include all work on Atmospheric Circulation, Tropical Storms (including a key case study of a tropical storm), Predicting and Preventing, Extreme Weather in the UK (including a key case study of an extreme weather event in the UK)
- Climate Change – to include all work on evidence for climate change, causes, effects and management of climate change

URBAN ISSUES (33 MARKS)

- LIC cities – to include all work on your case study of an LIC city, opportunities, challenges, environmental challenges, regeneration projects in shanty towns
- HIC cities – to include all work on your case study of a HIC city, opportunities, challenges, environmental challenges, regeneration projects
- Sustainability – to include all work on urban sustainability (including a key case study of a sustainable city) and sustainability in transport

PHYSICAL LANDSCAPES OF THE UK (30 MARKS)

- Rivers – to include all work on processes (erosion, transportation and deposition), landforms (v-shaped valleys, waterfalls, meanders, oxbow lakes, levees, floodplains), river profiles, river flooding – causes and solutions (including a case study of an area that has managed river flooding)
- Coasts – to include all work on processes (erosion, transportation and deposition), landforms (headlands and bays, wave cut platforms, CASS (cave, arch, stack, stump), spits, sand dunes), waves, weathering and mass movement, coastal flooding and solutions (including a case study of an area that has managed coastal flooding/erosion)

PAPER 2 (Y11 WORK) – 50 MINS

LIVING WORLD (25 MARKS)

- Ecosystems – overview of ecosystems and food chains, small and large scale ecosystems
- Tropical Rainforests – characteristics (climate, other physical characteristics), plant and animal adaptations, causes, effects and management of deforestation
- Cold Environments – characteristics (climate, other physical characteristics), plant and animal adaptations, opportunities and challenges in cold environments (including a key case study of a cold environment), management of cold environments

GEOGRAPHICAL SKILLS AND FIELDWORK (16 MARKS)

This section is based on an unseen student’s fieldwork, and questions will test students’ numeracy and data management skills, and their ability to assess strengths and weaknesses of different data techniques.

The best revision for this section is to use Past Papers (Paper 3, question 4) and to be up to date on data management skills.

HISTORY

GERMANY 1890-1945: DEMOCRACY TO DICTATORSHIP

- How did Kaiser Wilhelm's personality and imperial ambitions affect Germany's political system? (Including Weltpolitik and 'a Place in the Sun')
- What problems did increased industrialisation and the growth of socialism cause for the Kaiser?
- What was the importance of the Navy Laws?
- What was the impact of WW1 on Germany? (including: Economic problems; Defeat; The end of the monarchy (abdication of the Kaiser))
- The Weimar constitution and the challenges it faced (Article 48, Proportional representation)
- What was the Ruhr Crisis and the impact of hyperinflation?
- What were the causes and consequences of unrest in Germany 1919– 1923:
 - Spartacists
 - Kapp Putsch
 - Munich Putsch.
- How far did Gustav Stresemann improve the political situation in Germany 1924—1929?
 - economic development
 - the Dawes Plan and the Young Plan
 - international agreements (Locarno)
 - Weimar culture
- Why did Hitler appeal to the German people? (including the Depression and the appeal of the S.A.)
- How did Hitler become Chancellor in 1933?
 - Elections 1930—1932
 - The role of Hindenburg and Von Papen
- How did Hitler consolidate power to become Der-Fuhrer?
 - The Reichstag Fire
 - The Enabling Act
 - Elimination of political opposition / banning of Trade Unions
 - The Night of the Long Knives
 - The death of Hindenburg and the Army Oath
- What effect did Nazi policies have on the economy? Including:
 - Public works schemes
 - Conscription and re-armament
 - Self-sufficiency
 - Removal of minorities from the work-force (women and Jews)
- What was the impact WW2 on Germany? (including bombing, rationing, labour shortages and refugees)
- What was life like for Women in Nazi Germany?
- What was life like for young people in Nazi Germany? (including the Hitler Youth and Education policies)
- How did the Nazis try to control the Church? (both Catholic and Protestant)
- How did the Nazis persecute the Jews and other minorities? (disabled, homosexual etc)
- What was the Final Solution?
- How did the Nazis control German culture? (Including the use of propaganda and the role of Josef Goebbels)
- How did Hitler use terror to control Nazi Germany? (S.S. Gestapo and Himmler)
- Who opposed the Nazi Regime and how? (White Rose, Edelweiss Pirates etc.)

MATHEMATICS

FOUNDATION TOPICS

- Basic number
- Measures and scale drawings
- Charts, tables and averages
- Angles
- Number properties
- Accuracy and estimation
- Decimals and fractions
- Linear graphs
- Expressions and formulae
- Ratio, speed and proportion
- Perimeter and area
- Transformations
- Probability 1
- Volume and surface area
- Linear equations
- Percentages and compound measures
- Percentages and variation
- Statistical diagrams
- Connections and loci
- Curved shapes and pyramids
- Sequences
- Right-angled triangles
- Congruency and similarity
- Probability 2
- Powers and standard form
- Simultaneous equations
- Non-linear graphs

HIGHER TOPICS

- Basic number
- Fractions, ratio and proportion
- Statistical diagrams and averages
- Sequences
- Ratio and proportion
- Angles
- Transformations, constructions and loci
- Algebraic manipulation
- Length, area and volume
- Linear graphs
- Right-angled triangles
- Similarity
- Probability 1
- Powers and standard form
- Equations and inequalities
- Counting, accuracy, powers and surds
- Quadratic equations
- Cumulative frequency, box plots
- Probability 2
- Circle theorems
- Variation
- Further trigonometry
- Other graphs
- Algebraic fractions and functions
- Vectors

MODERN FOREIGN LANGUAGES

FRENCH

- Environment
- Festivals
- Holidays / Tourism
- My school / Schools
- Towns / My town

GERMAN

Please follow this [link](#) to download a copy of the Design Technology revision topics.

- Holidays
- My school / Schools
- New technology (eg. mobile phones)
- Towns / My town

SPANISH

- Future plans
- Holidays
- My school / Schools
- New technology (eg. social media)
- Part time jobs / Earning money

MUSIC

AoS1 Western Classical Tradition 1650-1910

- The Coronation anthems and oratorios of Handel.
- The orchestral music of Haydn, Mozart and Beethoven.
- The piano music of Chopin and Schumann.
- The Requiem of the late romantic period (Verdi and Faure).

AoS2 Popular Music.

- Rock Music of the 1960's

AoS 3 Traditional Music

- Blues Music 1920-1950
- Fusion Music incorporating African and /or Caribbean Music.
- Contemporary Latin Music
- Contemporary Folk Music of the British Isles

MOZART CLARINET CONCERTO- RONDO

There will be general questions as per the section A part of the listening paper.

There will also be a longer question on the Rondo from the Mozart Clarinet Concerto which is one of our set works.

PERFORMING ARTS

Roles and responsibilities within the industry

- Technical and Performance roles / job description
- Recruiting Processes
- Contracts and equity
- Working as a company / Ensemble

The role of performing arts in society

- How the arts can bring economic and social benefits to a community
- How the performing arts can help explore social and educational issues
- Social impact and shaping performances
- Arts Council and funding for the arts

Approaches to rehearsal

- Understanding the way professional companies approach rehearsals and the development of creative work
- Exploring specific styles and approaches through the study of key practitioners or companies
- Dynamics & divisions of the stage/performance area
- Mood and atmosphere

Working as a deviser/performer/director

- Understand how scripts/screenplays are presented
- How to complete appropriate notation during rehearsal
- How skills are developed through practice, reflection and the application of relevant research and theory
- How productions are scheduled and managed, an ability to use relevant work related language

Research development of chosen discipline(s)

- Constraints, budget, funding, location, commissioning

- Appropriate use of technical language within chosen discipline
- Production schedules, managing a performance

Marketing and public relations

- Posters, tickets, advertising and social media
- Box Office
- The semiotics of advertising and promotion
- Market research
- Promo events, interviews, arts festivals, flash mob events, photoshoots

Health and safety

- The requirements for health and safety for both performers and audiences in a range of venues
- How to conduct a risk assessment
- Local regulations, fire inspections
- Venue-specific considerations regarding audience numbers, access and safety, emergency contacts

Design and technical elements

- How to mark up a script/text with technical cues
- How to create cue sheets & draw up a stage plan
- How technical theatre and design can enhance productions
- Shooting scripts, storyboards, plays musical scores

Reviewing performance

- Newspapers, magazines, arts journals
- Reviewing of performances seen during the course
- Use of technical language
- Arts review TV programs

Theatre/film in education.

- Theatre in Education projects and management

PHYSICAL EDUCATION

- The structure and function of the skeletal system
- The structure and function of the muscular system
- Movement Analysis
- The Cardiovascular and respiratory system
- Effects of exercise on the body systems
- Components of fitness
- Principles of training
- Optimising training
- Prevention of injury
- Drugs in sport

RELIGIOUS EDUCATION

Christianity: Beliefs (All classes)

- The nature of God.
- The Resurrection.
- Life after death.
- Suffering.

Christianity: Practices (All classes)

- Sacraments.
- The work of the church in the local community.
- The Eucharist.
- Street Pastors.
- Prayer.

Islam: Beliefs (Mrs. Stott's & Mrs. Powell's classes only)

- Angels.
- Holy books.
- The nature of God.
- The oneness of God.
- Life after death.

Islam: Practices (Mrs. Stott's & Mrs. Powell's classes only)

- Salah – prayer.
- Sawm – Fasting.
- Zakah and Khums – charity.
- Hajj – pilgrimage.
- Ashura.
- Jihad.

Judaism: Beliefs (Mr. Pountain's classes only)

- The nature of G-d.
- Covenant (Abrahamic).
- The Messiah.
- The Mitzvot.

Judaism: Practices (Mr. Pountain's classes only)

- Features of the Synagogue.
- Holy books/sacred literature.
- Dietary laws.
- Marriage.
- Shabbat (in the home & in the Synagogue).

SCIENCE

Your science PPEs will cover content from the following topics studied in year 9 and 10, examples of the topics which may appear on your exam are:

Biology

- B1 – Cell Structure and Transport
- B2 – Cell Division
- B3 – Organisation and the Digestive System
- B4 – Organising Animals and Plants
- B5 – Communicable Diseases
- B6 – Preventing and Treating Disease
- B7 – Non-communicable diseases
- B8 – Photosynthesis
- B9 – Respiration

Chemistry

- C1 – Atomic Structure
- C2 – The Periodic Table
- C3 – Structure and Bonding
- C4 – Chemical Calculations
- C5 – Chemical Changes
- C6 – Electrolysis
- C7 – Energy Changes

Physics

- P1 – Conservation and Dissipation of Energy
- P2 – Energy transfer by heating
- P3 – Energy Resources
- P4 – Electric Circuits
- P5 – Electricity in the Home
- P6 – Molecules and Matter
- P7 – Radioactivity

Please ensure you also revise:

- Maths content
- How Science Works content
- Required practicals
- How to use the periodic table (chemistry)
- How to use the equation sheet (physics)

You can use synergy to access:

- Teacher learning PowerPoints from lessons.
- Knowledge Organisers.
- Links to video resources.
- Links to some practice questions.
- Requested resources.
- List of class topics.

Please use the drop-in sessions that take place every lunchtime in room 8 to ask for help on any area of the course that you are unsure about.

There are still copies of the revision guides available to purchase from Miss Ince if you have not done so already.

20% of your time should be spent revising:

- Briefly reading through notes and key definitions
- Making flashcards and card sorts
- Watching video resources
- Reviewing knowledge organisers

80% of your time should be spent practicing and marking:

- Exam-style questions from revision guides and question packs
- Testing yourself and each other using flashcards and retrieval questions
- Completing card sorts
- Completing Kahoot, Quizziz and Educake quizzes
- Creating mind maps from memory

SOCIOLOGY

PAPER 1

The Family: Perspective views on the family eg. Marxism and Feminism

- Research methods and ethical issues raised during research eg. confidentiality
- The domestic division of labour
- Agencies of socialisation
- Marriage - is it important in contemporary British society ?
- Key studies

Education: Perspective views on the education system, eg. Marxism, functionalism

- In/out of school factors affecting pupil achievement
- Research methods
- key studies
- Social class and ethnicity. How do they affect educational achievement?
- The marketisation of Education

PAPER 2

Crime and Deviance: Perspective views on crime, eg. Interactionalism and feminism

Key studies

- Causes of crime
- Ethnicity and gender and crime

Research methods

- Sources of data on crime

Social Stratification

- Causes of poverty
- Weber on class
- Key studies
- The welfare state
- Gender and Age and social inequality
- Absolute and relative poverty
- key studies
- research methods
- sources of data on crime

EXAM TIMEABLE

Week 1					
Day	Period 1	Period 2	Period 3	Period 4	Period 5
Monday 10 January	Option A (See below for details)		Maths Paper 1 (1 Hr 30)		Geography: Yr 11 Content (50 mins)
Tuesday 11 January	Chemistry (Combined 1 Hr 15/Triple 1 Hr 45)		Option B (See below for details)		
Wednesday 12 January	Maths Paper 2 (1 Hr 30)		English Language (1 Hr 45)		
Thursday 13 January	Religious Studies (1 Hr 45)		Physics (Combined 1 Hr 15/Triple 1 Hr 45)		
Friday 14 January	Maths Paper 3 (1 Hr 30)			German: Reading (45 mins)	

Option A
Art - Room A6 (2 Hrs)
Computing (1 Hr 30)
Design Technology (2 Hrs)
Food and Nutrition (1 Hr 45)
German: Writing (1 Hr 20)
Geography: Yr 10 Content (1 Hr 45)
History (2 Hrs)
Spanish: Writing and Reading (1 Hr 5 and 45 mins)

Option B
Art - Room A6 (2 Hrs)
Business (1 Hr 30)
Child Development (1 Hr 15)
French: Writing and Reading (1 Hr 5 and 45 mins)
Geography: Yr 10 Content (1 Hr 45)
History (2 Hrs)
Music - A1
Separate Science: 11B/XSs Room 5 and 11B/YSs Room 6

Week 2					
Day	Period 1	Period 2	Period 3	Period 4	Period 5
Monday 17 January	Option C (See below for details)		Biology (Combined 1 Hr 15/Triple 1 Hr 45)		
Tuesday 18 January	Business and Computing Paper 2 (1 Hr 30)		English Literature (1 Hr)		
Wednesday 19 January	Music (1 Hr 30)				

Option C
Art - Room A7 (2 Hrs)
Business (1 Hr 30)
Design Technology (2 Hrs)
Geography: Yr 10 Content (1 Hr 45)
Graphics - T2
History (2 Hrs)
Performing Arts (1 Hr 30)
PE (1 Hr)



**“That person is like a tree planted by streams of water, which yields its fruit in season
and whose leaf does not wither - whatever they do prospers.”**

Psalm 1:3



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