



ST CHRISTOPHER'S

A CHURCH OF ENGLAND ACADEMY

REVISION GUIDE

2020-21



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.

Remember the **GCSE Exam PROPER** is on the **13th January at 9am**. We have a PPE the week before but please make sure you have fully prepared for them both. Use your revision guides and all the mind maps and notes you have made.

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
- b. Unseen Poetry Question

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

- Changing Economic World (Development)
- Natural Hazards
- Physical Landscapes (Rivers and Coasts)
- Urban Environments

HISTORY

PAPER 1

Germany, Democracy to Dictatorship 1890-1945

PAPER 2

Britain, Health and the People c.1000-Present Day

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

- 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

Western Classical Tradition 1650 - 1910

- Oratorios and Coronation Anthems of Haydn
- Orchestra music of Haydn Mozart and Beethoven
- The Requiems of Faure and Verdi
- The piano music of Chopin and Schumann

Popular Music

- Music of Broadway 1950s to 1990s
- Rock music of 1960s and 1970s
- Film and computer gaming music 1990s to present
- Pop music 1990s to present

Traditional Music

- Blues music from 1920–1950
- Fusion music incorporating African and/or Caribbean music
- Contemporary Latin music
- Contemporary Folk music of the British Isles

Western Classical Tradition 1910 onwards

- The orchestral music of Copland
- British music of Arnold, Britten, Maxwell-Davies and Tavener
- The orchestral music of Zoltán Kodály and Béla Bartók
- Minimalist music of John Adams, Steve Reich and Terry Riley

SET WORK

HAYDN the The Clock Symphony second movement.

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 and muscular system
- Movement Analysis
- The cardiovascular and respiratory system
- Effects of exercise on the body systems
- Components of fitness
- Applying principles of training
- Preventing injury
- Engagement patterns of different social groups
- Commercialisation of physical activity
- Ethical and socio-cultural issues in physical activity

RELIGIOUS EDUCATION

Christian Beliefs (all)

- Trinity
- Salvation
- Sin
- Ascension of Jesus
- Evil and suffering

Christian Practices (all)

- Worship
- Persecution
- Eucharist / Holy Communion
- Church in the local Community
- Prayer

Muslim Beliefs (11X1; 11Y1; 11X3a; 11Y4)

- Five roots of Shi'a Islam
- Heaven
- God's justice
- Angels
- The Imamate

Muslim Practices (11X1; 11Y1; 11X3a; 11Y4)

- Shahadah (Declaration of faith)
- Salah (Prayer)
- Ramadan (fasting during Ramadan)
- Hajj (Pilgrimage to Mecca)
- Festivals inc. Ashura

Judaism Beliefs (11X2; 11Y2; 11X3b; 11Y3)

- Nature of God
- The Promised Land
- 10 Commandments
- Sanctity of Life
- Free will

Judaism Practices

- Synagogue features
- Synagogue worship
- Dietary Laws
- The role of children in Judaism

SHORT COURSE (55 MINUTES)

Christianity Beliefs + Islam OR Judaism Beliefs only.

SCIENCE

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

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 TIMETABLE

Date	Period(s)	Option Block	Subject / Paper	Duration (mins)
Monday 4 January	2	Option C	French Listening (H)	45
	3 and 4	Option A	History Paper 1	60
			Design Technology	120
			German Writing	105
			Food and Nutrition	105
			Geography Paper 1	90
			Music	90
			Spanish Writing	75
			Art	120
	5	Option A, B, C	Geography Paper 2	45
Tuesday 5 January	1 and 2	Option B and C	Sociology Paper 1	105
			Business Paper 1	90
			Computing Paper 1	90
	3 and 4		Maths Paper 1	90
Wednesday 6 January	1 and 2		Physics	105 / 75
	3 and 4	Option B	Art	120
			History Paper 1	60
			Geography Paper 1	90
			Business Paper 2	90
			Creative iMedia	75
			Spanish Writing	75
			Child Development	75
Thursday 7 January	1 and 2		English Literature	120
	3 and 4		Maths Paper 2	90
	5	Option A and B	Spanish Listening (H)	60
Friday 8 January	1 and 2		Biology	105 / 75
	3	Option A	German Listening	60
	4	Option A, B, C	History Paper 2	60
Monday 11 January	1 and 2		RE	105
	3 and 4	Option C	Art	120
			Design Technology	120
			History Paper 1	60
			PE Paper 1 & 2	120
			Sociology Paper 2	105
			Computing Paper 2	90
			Geography Paper 1	90
			Performing Arts	90
			French Writing	75
Tuesday 12 January	1 and 2		English Language	105
	3 and 4		Maths Paper 3	90
Wednesday 13 January	3	Option A, B, C	German Reading	60
			French Reading (H and F)	60
			Spanish Reading (H and F)	45
	3 and 4	** Computing Clash Paper 1 (1 student)		90
	4	Option A, B, C	French Listening (F)	35
			Spanish Listening (F)	35
Thursday 14 January	1 and 2		Chemistry	105 / 75

SEATING PLAN

	A	B	C	D	E	F	G	H	I	J
1	Marnie Ashton	Thomas Chippendale	Alex Clarke	Ellie Goodliffe	Marcus Gouveia	Sophie Manners	Sean Mattocks	Keira Sledding	Charles Smith	
2	David Ashworth	Leo Cheung	Eloise Clegg	Jenna Gillatt	Tyler Greenwood	Harvey Lowe	Hannah Mayor	Rose Shepherd	Harry Smith	
3	Chloe Aspden	Max Charnock	Freddie Collins	Max Gibson	Lily Mae Gregg	Mason Leah	Phoebe McCarthy	Sam Shackleton	Harvey Soloniewicz	
4	Luis Aspinall	Dainy Casper	Molly Connolly	Rachel Frost	Holly Grimshaw	Sienna Lambert	Olivia McCrearie	Harry Saul	Alfie Sparkes	
5	Owen Atkin	Annie Cartmell	Kaylon Cotterill	Macie French	Lydia Guy	Nathan Kewin	Nathan McGuiness	Benjamin Samson	Amaliah Stevenson	
6	Joel Atkin	Robin Carney-Stott	Kaitlyn Coughlan	Olivia Fowke	Kane Hammerton	Rowan Kennedy	Thomas McMurtrie	Ethan Rustidge	Lucas Stevenson	
7	Jamie Ball	Denley Cardwell	Mikolaj Cupa	Caitlin Flood	Alexander Harris	Olivia Kayley	Skye McNicholas	Francesca Roffey	Emma Stinchon	
8	Benjamin Barber	Matt Cancelliere	Ross Curran	Amelia-Jane Fletcher	Gabby Harris	Bethan Johnson	Joseph Mercer	Jack Roberts	Archie Stronach	
9	Henry Barker	Joseph Butterworth	Amie Daniels	Theo Fitzmaurice	Ella Harrison	Rebekah Jeffery	Emily Mooney	Hannah Riding	Anna Szlaz	
10	Joey Barnes	Jamie Butterworth	Jonathan Dawson	Oscar Fitzmaurice	Jacob Harrison	Megan Jackson	Max Mussell	Nicholas Reyes-Jofre	Dominik Szymanski	Katie Yeoman
11	Lola Baron	Alice Burrows	Keagan De Vries	Reece Finn	Lauren Harrison-Evans	Edward Hunt	Louie Nobbs	Hannah Rawstron	Millie Talbot	Marissa Wintle
12	Max Baron	Madeline Bunting	Aiden Dean	Liam Finegan	Chloe Hartley	Eleanor Hudson	Jack O'Brien	Annie Randall	Lily Tate	Lois Wilson
13	Daisy Barton	Grace Brown	Tabitha Dearing	Grace Fielding	Georgia Hartley	Nancy Howson	Eira Odlin-Bates	Tilly Raine	Joanna Taylor	Isaac Wilson
14	Mia Bassett	Cameron Brown	Thomas Demaine	Medley Felix	Jack Harvey	Mia Holt	Henry Oxford	Lara Race	Marcus Taylor	Daniel Wilson
15	Adam Beattie	Adam Brown	Caitlin Derbyshire	Lucy Farnworth	Daniel Hawke	Keane Holt	Joe Parker	Harry Pugh	Adam Walsh	Ethan Williams
16	Jamie Bell	Olivia Bridge	Larnea Dibden	Lewis Essery	Reba Haworth	Alecia Holt	Chloe Parkinson	Elliot Prestage	Lydia Watson	Reece Wilkinson
17	Jake Bennett	Matthew Bridge	Santino Donnelly	Alex Entwistle	Megan Heckingbottom	David Holman	Zac Peel	Ben Porter	Kaila Wearne	Lucy Wilkinson
18	Thomas Berry	Virginia Breaks	Mason Dowling	Amelia Emanuel	Christina Hemingway	Louie Hindle	Jake Peverley	Estelle Pollard-Cox	Maya Wehbe	Charles Wilkes
19	Alexander Birtwistle	Honey Bradshaw	Harry Drew	Jensen Dugdale	Alex Henderson	Jack Heys	Emma Phelan	Joseph Pollard	Elysia Welsh	Esme Whitehead
20	Grace Bleasdale	Macenzi Bottomley	Joe Driver	Amelia Dugdale	Gabriella Henderson	Mark Henry	Matthew Phillipson	Abraham Pickupo	Sophie Whalley	Connie Whitaker



“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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