



SEVA SCHOOL

# Year 9 Options Booklet

KS4 Options 2022-2024

Service Excellence Virtues Aspiration



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## Key Stage 4 Curriculum Provision

### Welcome

Welcome to the Options Booklet for our current Year 9 pupils at Seva. These pupils will be embarking on their Key Stage 4 (KS4) studies from September 2022. This is a crucial time for our pupils and we are here to guide and advise them as they make important choices which will have a direct impact on their future lives.

At Seva we aim to provide a traditional curriculum which matches the abilities and aspirations of our pupils, fulfils the ambitions of parents/carers for their children and meets the requirements and expectations of further education providers and employers. The world of 14-19 education and beyond is in a period of significant change and we must respond to this change appropriately whilst always keeping the best interests of our pupils at the heart of our decisions.

The KS4 curriculum at Seva offers a range of courses, with the essential subjects of English, Mathematics and Science at the core of our provision. We are also placing a real emphasis on the English Baccalaureate (EBACC) which comprises GCSE qualifications across a suite of academic subjects (English Language and English Literature, Mathematics, Science including Computer Science, Geography/ History, Spanish).

All pupils at Seva will be studying the following subjects as part of their compulsory education at KS4:

- GCSE English Language
- GCSE English Literature
- GCSE Mathematics
- GCSE Science (Combined Science or 3 Separate Sciences)
- GCSE Religious Studies

In addition to the core subjects, we are offering a range of other options subjects for pupils to choose. Pupils will rank their preferred subjects out of two options buckets which will comprise of the following subjects:

Option Bucket 1, pupils will rank their preferences out of the following subjects and will study one of them:  Geography, History and Spanish	Option Bucket 2, pupils will rank four subjects in order of preference and will study two of these subjects:  Geography, History, Spanish, Business Studies, Computer Science, Sociology, Art, CAMNAT Sport
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The coming weeks are clearly a very important period in the educational life of our Year 9 pupils. We ask families to take full advantage of the guidance and resources available and to discuss the possibilities and choices thoroughly. The staff at Seva are here to support pupils in making the right choices in order to ensure each individual is able to follow an appropriate pathway to success.

## GCSE English Language

Exam board: AQA

### **What skills will I develop?**

- Reading
- Writing
- Critical thinking
- Evaluation skills
- Communication skills
- Comparison skills

### **What career opportunities can this lead to?**

Some of the careers English Language can lead to are:

Journalist, Lawyer, Teacher, Film Director, Public Relations, Author, Newsreader, Politician, Actor and many more.

### **How is it assessed?**

100% external examination Two exam papers:

Paper 1 - 50% of overall GCSE explorations in creative reading and writing (fiction).

Paper 2 - 50% of overall GCSE writers' viewpoints and perspectives (non-fiction).

### **Course overview:**

**Paper 1:** Explorations in creative Reading and Writing

**Section A:** Reading – Fiction source

**Section B:** Writing – Descriptive or Narrative Writing

**Paper 2:** Writers' viewpoints and perspectives (non-fiction)

**Section A:** Reading – non-fiction and Literacy non-fiction

**Section B:** Writing from a particular viewpoint/ perspective

## GCSE English Literature

Exam board: AQA

### What skills will I develop?

- Reading
- Writing
- Critical thinking
- Analysis
- Creative thinking

### What career opportunities can this lead to?

Some of the careers English Literature can lead to are:

Journalist, Lawyer, Teacher, Film Director, Public Relations, Author, Newsreader, Politician, Actor and many more.

### How is it assessed?

100% external examination Two exam papers:

Paper 1 - 40% of overall GCSE Shakespeare and 19<sup>th</sup> Century Novel.

Paper 2 – 60% of overall GCSE Modern texts and Poetry.

### Course overview:

**Paper 1:** Shakespeare and 19<sup>th</sup> Century Novel

**Section A:** Shakespeare - Macbeth

**Section B:** 19<sup>th</sup> Century Novel – Jekyll and Hyde or A Christmas Carol

**Paper 2:** Modern text and poetry

**Section A:** Modern prose and drama – An Inspector Calls

**Section B:** Poetry comparison

**Section C:** Unseen poetry

# GCSE Mathematics

Exam board: Edexcel

## What skills will I develop?

- Communication
- Collaborative skills
- Analysis
- Evaluation
- Reasoning

## What career opportunities can this lead to?

Some of the careers Mathematics can lead to are:

Accountancy, Bank manager, Civil engineer, Economist, Finance officer, Software developer, Tax adviser, Stockbroker and many more

## How is it assessed?

**Paper 1:** Non-calculator

1 hour and 30 minutes, 33.3% of GCSE.

**Paper 2:** Calculator

1 hour and 30 minutes, 33.3% of GCSE.

**Paper 3:** Calculator

1 hour and 30 minutes, 33.3% of GCSE

## Course overview:

Number

Algebra

Ratio, Proportion, and Rates of change

Geometry and Measures

Statistics and Probability

For Maths pupils are either entered for Foundation or Higher tier. This is decided by their class teacher depending upon ability.

## GCSE Combined Science

Exam board: AQA

### **What skills will I develop?**

- Collaboration
- Analysis
- Investigation
- Enquiry
- Team work

### **What career opportunities can this lead to?**

Some of the careers Science can lead to are:

Doctor, researcher, dentist, optician and many more

### **How is it assessed?**

Biology paper 1: topics 1-4

1 hour and 15 minutes, 16.7% of the GCSE

Biology paper 2: topics 5-7

1 hour and 15 minutes, 16.7% of the GCSE

Chemistry paper 1: topics 8-12

1 hour and 15 minutes, 16.7% of the GCSE

Chemistry paper 2: topics 13-17

1 hour and 15 minutes, 16.7% of the GCSE

Physics paper 1: topics 18-21

1 hour and 15 minutes, 16.7% of the GCSE

Physics paper 2: topics 22-24

1 hour and 15 minutes, 16.7% of the GCSE

### **Course overview:**

Biology:

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Chemistry:

8. Atomic structure and the periodic table
9. Bonding, structure, and the properties of matter
10. Quantitative Chemistry
11. Chemical changes
12. Energy changes
13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere
17. Using resources

Physics

18. Energy
19. Electricity
20. Particle model matter
21. Atomic structure
22. Forces
23. Waves
24. Magnetism and electromagnetism



## GCSE Triple Science

Exam board: AQA

### **How is this different to combined science?**

Triple Science is offered to the most able science students. Pupils will study each of the Sciences in more depth and will sit a full GCSE in each of the three, leaving year 11 with three separate GCSE's in Science. If you have any questions about this please speak to your child's teacher.

### **What career opportunities can this lead to?**

Some of the careers Science can lead to are:

Doctor, researcher, dentist, optician and many more

### **How is it assessed?**

Biology paper 1: topics 1-4

1 hour and 45 minutes, 50% of the GCSE

Biology paper 2: topics 5-8

1 hour and 45 minutes, 50% of the GCSE

Chemistry paper 1: topics 1-5

1 hour and 45 minutes, 50% of the GCSE

Chemistry paper 2: topics 6-11

1 hour and 45 minutes, 50% of the GCSE

Physics paper 1: topics 1-4

1 hour and 45 minutes, 50% of the GCSE

Physics paper 2: topics 5-8

1 hour and 45 minutes, 50% of the GCSE

### **Course overview:**

Biology:

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology
8. Key ideas

Chemistry:

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative Chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources
11. Key ideas

Physics

1. Energy
2. Electricity
3. Particle model matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism and electromagnetism
8. Space Physics

## GCSE Religious Studies

Exam board: AQA

### **What skills will I develop?**

- Critical thinking
- Analysis
- Evaluation
- Debating
- Reasoning

### **What career opportunities can this lead to?**

Some of the careers Religious Studies can lead to are:

Social worker, lawyer, teacher, humanitarian worker, charity worker, minister of religion, politician and many more.

### **How is it assessed?**

100% external examination Two exam papers:

Paper 1 - 50% of overall GCSE

Paper 2 – 50 of overall

### **Course overview:**

#### **Paper 1:** Religions

Christianity - beliefs

Christianity - practices

Sikhism - key beliefs

Christianity – practices

#### **Paper 2:** Thematic studies

Theme A: relationships and family

Theme B: Religion and life

Theme C: The existence of God and revelation

Theme D: Religion, peace and conflict

## GCSE History

Exam board: Edexcel

### **What skills will I develop?**

- Communication skills
- Writing skills
- Analysis
- Interpretation
- Problem solving
- Research skills
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### **What career opportunities can this lead to?**

Some of the careers History can lead to are:

Academic researcher, Archivist, Teacher, Author, Heritage manager, Journalist and many more.

### **How is it assessed?**

100% external examination Three exam papers:

Paper 1: 1 hour and 15 minutes 30% of the GCSE

Paper 2: 1 hour and 45 minutes 40% of the GCSE

Paper 3: 1 hour and 20 minutes 30% of the GCSE

### **Course overview:**

#### **Paper 1:**

Thematic study and historic environment

Migrants in Britain c800-Present and Notting Hill, c1948-c1970

#### **Paper 2:**

Period study and British depth study Anglo-Saxon and Norman England c1060-88

Superpower relations and the Cold War, 1941-91

#### **Paper 3:**

Modern depth study

The USA, 1954-75: conflict at home and abroad

## GCSE Geography

Exam board: Edexcel B

### What skills will I develop?

- Mathematical skill
- Analysis
- Evaluation
- Enquiry
- Research skills
- Field skills

### What career opportunities can this lead to?

Some of the careers Geography can lead to are:

Teacher, Geologist, Weather announcer, Surveyor, Environmental consultant, Social researcher and many more.

### How is it assessed?

100% external examination Two exam papers:

Paper 1: 1 hour and 30 minutes 37.5% of overall GCSE

Paper 2: 1 hour and 30 minutes 37.5% of overall GCSE

Paper 3: 1 hour and 30 minutes 25% of overall GCSE

### Course overview:

#### Paper 1:

#### **Global Geographical Issues**

##### **Section A**

Hazardous Earth – Tectonics, climate systems & cyclones

##### **Section B**

Development Dynamics – Inequality & India

In final exam choice B or C

##### **Section C - Urbanising World –**

Urban areas & Mumbai

#### Paper 2:

#### **UK Geographical Issues**

##### **Section A**

UK Physical Landscapes

##### **Section B**

UK Human Landscapes

##### **Section C**

Unfamiliar fieldwork

#### Paper 3:

##### **Section A**

People & the Biosphere – factors affecting & theories

##### **Section B**

Forests Under Threat – Tropical Rainforests & Taiga

##### **Section C**

Consuming Energy Resources

Decision making activity

## GCSE Spanish

Exam board: AQA

### **What skills will I develop?**

- Critical thinking
- Communication
- Independence
- Problem solving
- Leadership
- Listening skills
- Speaking skills

### **What career opportunities can this lead to?**

Some of the careers Spanish can lead to are:

Academic researcher, Teacher, Interpreter, Translator, Political risk analyst, Tour manager, Detective and many more.

### **How is it assessed?**

100% external examination Two exam papers:

Paper 1: Listening, 25% of the overall GCSE

Paper 2: Speaking, 25% of the overall GCSE

Paper 3: Reading, 25% of the overall GCSE

Paper 4: Writing, 25% of the overall GCSE

### **Course overview:**

#### **Theme 1:**

Identity and Culture

Me, family and friends.

Technology in everyday life.

Free time activities

Customs and festivals

#### **Theme 2:**

Local, national, international & global areas of interest

Home, town, neighbourhood & region

Social Issues

Global Issues

Travel and tourism.

#### **Theme 3:**

Current & future study and employment

My studies

Life at school/ college

Education Post-16

Jobs, career choices and ambitions

## GCSE Business Studies

Exam board: Edexcel

### **What skills will I develop?**

- Decision making
- Creativity
- Data handling
- Communication
- Analysis
- Evaluation
- Team work
- Problem solving

### **What career opportunities can this lead to?**

Some of the careers Business Studies can lead to are:

Financial adviser, Bank manager, Project manager, Digital marketer, Customer service manager, Estate agent, Entrepreneur and many more.

### **How is it assessed?**

100% external examination Two exam papers:

Paper 1: Investigating small business, 1 hour and 30 minutes, 50% of overall GCSE

Paper 2: Building a business, 1 hour and 30 minutes, 50% of overall GCSE

### **Course overview:**

#### **Paper 1:**

Enterprise and entrepreneurship

What is a business?

Good and services

Customer needs and wants

Risk and Reward

Spotting a business opportunity

Revenue

Costs

Profit and loss

Break even

Cash flow

Putting a business idea into practice

Stakeholders

Technology and business

Business Legislation

Impact on economic climate

#### **Paper 2:**

Growing the business

Globalisation

Design mix

Product lifecycle

Marketing mix and business decisions

Making financial decisions

Gross and net profit

Average rate of return

Uses and limitations of financial information

Purpose of business operations

Making human resource decisions

Organisational structures

Business communication

Different ways of working

## GCSE Computer Science

Exam board: OCR

### **What skills will I develop?**

- Critical thinking
- Analysis
- Evaluation
- Debating
- Reasoning

### **What career opportunities can this lead to?**

Some of the careers Computer Science can lead to are:

Software tester, and many more.

### **How is it assessed?**

100% external examination

Two exam papers:

Paper 1 – Computer systems, 1 hour and 30 minutes 50% of overall GCSE

Paper 2 – Computational thinking, algorithms and programming, 1 hour and 30 minutes 50% of overall GCSE

### **Course overview:**

#### **Paper 1**

Unit 1.1 Systems architecture

Unit 1.2 Memory and storage

Unit 1.3 Computer networks, connections and protocols

Unit 1.4 Network security

Unit 1.5 Systems software

Unit 1.6 Ethical, legal, cultural and environmental impacts of digital technology

#### **Paper 2**

Unit 2.1 Algorithms

Unit 2.2 Programming fundamentals

Unit 2.3 Producing robust programs

Unit 2.4 Boolean logic

Unit 2.5 Programming languages and Integrated Development Environments

## GCSE Sociology

Exam board: AQA

### **What skills will I develop?**

- Critical thinking
- Analysis
- Evaluation
- Debating
- Reasoning
- Investigation skills

### **What career opportunities can this lead to?**

Some of the careers Sociology can lead to are:

Social worker, lawyer, teacher, law, researcher, police officer, probation worker and many more.

### **How is it assessed?**

100% external examination Two exam papers:

Paper 1: The sociology of families and education, 1 hour and 45 minutes 50% of overall GCSE

Paper 2: The sociology of crime and deviance and social stratification, 1 hour and 45 minutes, 50% of overall GCSE

### **Course overview:**

1. The sociological approach
2. Social structures, social processes and social issues.
3. Families
4. Education
5. Crime and deviance
6. Social stratification
7. Sociological research methods



## GCSE Art (Fine art)

Exam board: AQA

### **What skills will I develop?**

- Fine art techniques
- Fine art processes
- Independent skills
- Collaboration
- Research
- Analysis

### **What career opportunities can this lead to?**

Some of the careers Art can lead to are:  
Art therapist, fine artist, graphic designer, art gallery manager, conservator and many more.

### **How is it assessed?**

100% external examination Two exam papers:  
Component 1: portfolio  
Component 2: externally set assignment

### **Course overview:**

Students work in one or more areas listed below:

- drawing
- painting
- sculpture
- installation
- lens-/light-based media
- photography and the moving image
- printmaking
- mixed media
- land art

## CAMNAT Sport Studies

Exam board: OCR

### **What skills will I develop?**

- Team work
- Analysis
- Research
- Independent work
- Physical skills

### **What career opportunities can this lead to?**

Some of the career's Sports studies can lead to are:

Further study sports post 16, physio, personal trainer, sports coach, gym instructor and many more.

### **How is it assessed?**

Externally assessed unit: assessment through and exam which test all four performance objectives. 40% of the qualification.

NEA units, these are assessed by the teacher and moderated by the exam board. These also cover all four performance objectives.

### **Course overview:**

#### **Unit 1**

Contemporary issues in sport

#### **Unit 2:**

Performance and leadership in sports activities

#### **Unit 3:**

Sport and the media

#### **Unit 4:**

Increasing awareness of Outdoor and Adventurous Activities

#### **Performance objective 1:**

Recall knowledge and show understanding of Sport Studies concepts

#### **Performance objective 2:**

Apply knowledge and understanding of Sport Studies concepts

#### **Performance objective 3:**

Analyse and evaluate knowledge, understanding and performance

#### **Performance objective 4:**

Demonstrate and apply sporting skills and processes relevant to Sport Studies.