

stephen perse

foundation



Stephen Perse International Curriculum Outline Autumn 2020



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Curriculum Outline
Autumn 2020

Art and Design

Exam Board

Pearson Edexcel International

Course Title and Syllabus Link

Art, Craft and Design (1AD0)

<https://qualifications.pearson.com/content/dam/pdf/GCSE/Art%20and%20Design/2016/specification-and-sample-assessments/gcse-art-design-2016-spec.pdf>

Assessment

Regular ongoing assessment of homework and end of project outcomes

Trips/Curricular Enrichment

Coursework research and analysis of artists' work - Local University of Cambridge Museums including Kettle's Yard and Botanic Gardens.

Year 11 examinations trip with the Design and Engineering department to London Galleries.

Biology

Exam Board

Cambridge International

Course Title and Syllabus Link

Cambridge IGCSE Biology (9-1) (0970)

<https://www.cambridgeinternational.org/Images/414452-2020-2021-syllabus.pdf>

Key Topics

- Characteristics and classification of living organisms
- Organisation of the organism
- Movement in and out of cells
- Biological molecules
- Enzymes
- Plant nutrition
- Human nutrition
- Transport in plants and animals
- Diseases and immunity
- Gas exchange in humans
- Respiration
- Excretion in humans
- Coordination and response
- Drugs
- Reproduction
- Inheritance
- Variation and selection
- Organisms and their environment
- Biotechnology and genetic engineering

Assessment

Short end of topic tests

Mock including practical exam

Chemistry

Exam Board

Cambridge International

Course Title and Syllabus Link

Cambridge IGCSE Chemistry (9-1) (0971)

<https://www.cambridgeinternational.org/Images/414463-2020-2021-syllabus.pdf>

Key Topics

- The particulate nature of matter
- Experimental techniques
- Atoms, elements and compounds
- Stoichiometry
- Electricity and chemistry
- Chemical energetics
- Chemical reactions
- Acids, bases and salts
- The Periodic Table
- Metals
- Air and water
- Sulfur
- Carbonates
- Organic chemistry

Assessment

Short end of topic tests

Mock including practical exam

Physics

Exam Board

Cambridge International

Course Title and Syllabus Link

Cambridge IGCSE Physics (9-1) (0972)

<https://www.cambridgeinternational.org/Images/414466-2020-2021-syllabus.pdf>

Key Topics

- Forces and motion
- Thermal Physics
- Waves
- Electricity and Magnetism
- Radioactivity

Assessment

Short end of topic tests

Mock including practical exam

Mathematics

Exam Board

Pearson Edexcel International

Course Title and Syllabus Link

GCSE Mathematics Specification A (1MA1)

<https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/specification-and-sample-assessment/gcse-maths-2015-specification.pdf>

Key Topics

- Number
- Algebra
- Ratio, proportion and rate of change
- Geometry and measures
- Probability
- Statistics

Assessment

Short end of topic tests

Mock Exam

Geography

Exam Board

Pearson Edexcel International

Course Title and Syllabus Link

IGCSE Geography(4GE1)

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Geography/2017/specification-and-sample-assessments/9781446958360_INT_GCSE_GEOG_Issue_3.pdf

Key Topics

- River environments
- Coastal environments
- Hazardous environments
- Economic activity and energy
- Urban environments

Assessment

Short end of topic tests

Mock Exam

Field work

Business

Exam Board

Pearson Edexcel International

Course Title and Syllabus Link

IGCSE Business (4Bs1)

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Business%20Studies/2017/specification-and-sample-assessment/9781446942765_International_GCSE_Business_Specification.pdf

Key Topics

- Business activity and influences on business
- People in business
- Business finance
- Marketing
- Business operations

Assessment

Short end of topic tests

Mock Exam

English Literature

Exam Board

Pearson Edexcel International

Course Title and Syllabus Link

IGCSE English Literature (4Et1)

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/English%20Literature/2016/Specification%20and%20sample%20assessments/International_GCSE_English_Literature_specification.pdf

Assessment

Regular written, speaking and listening assignments

Mock Exam

English Language

Exam Board

Cambridge International

Course Title and Syllabus Link

Cambridge IGCSE English - First Language (9-1) (0990)

<https://www.cambridgeinternational.org/Images/414546-2020-2022-syllabus.pdf>

Assessment

Regular written, speaking and listening assignments

Mock Exam

History

Exam Board

AQA

Course Title and Syllabus Link

GCSE History (8145)

<https://filestore.aqa.org.uk/resources/history/specifications/AQA-8145-SP-2016.PDF>

Key Topics

- Germany 1890-1945 Democracy and Dictatorship
- Conflict and Tension - the interwar years 1918-1939
- Britain: Migration, empires and the people c790 to the present day
- Elizabethan England c1568-1603

Assessment

Short end of topic tests

Mock Exam
