RED KITE
LEARNING TRUST

Academic Year 2023/24
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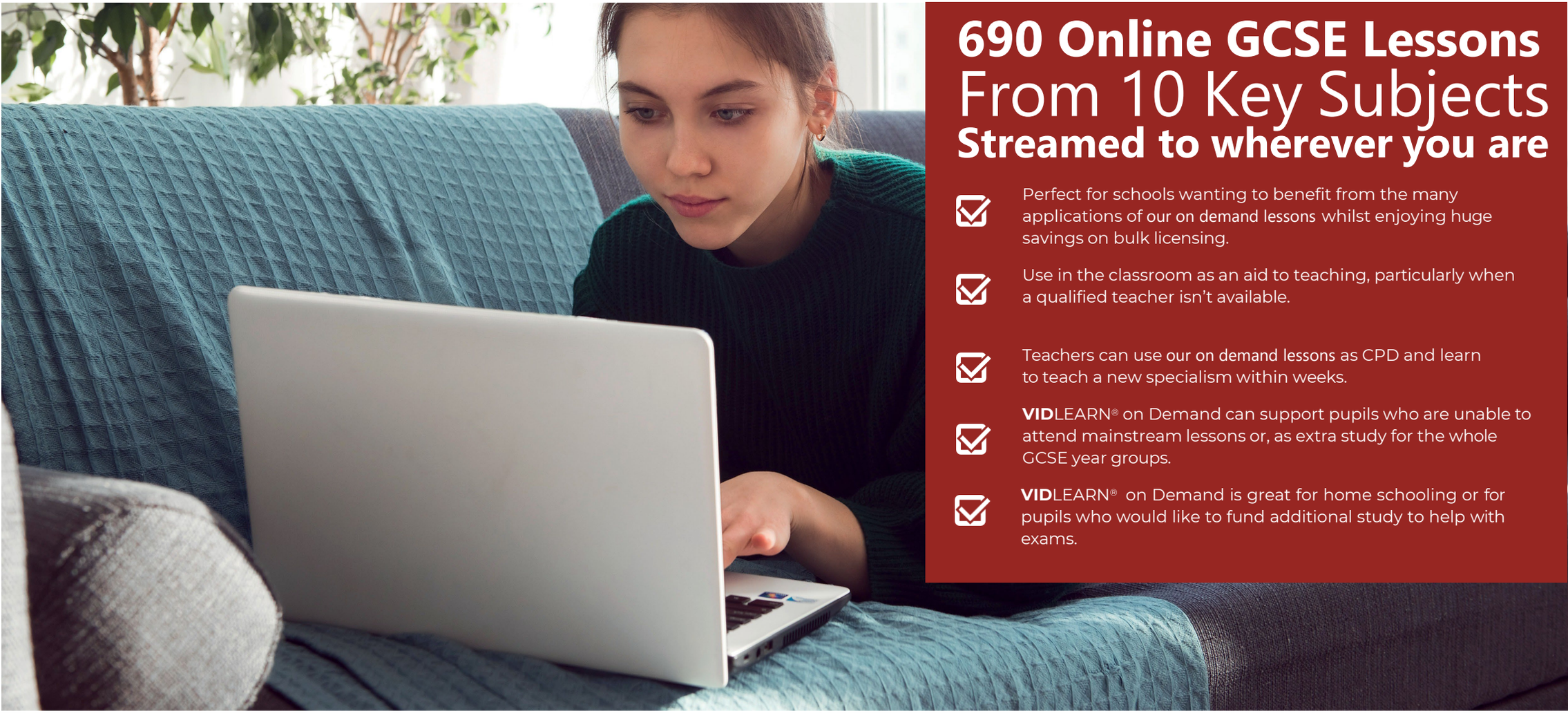
Subject Knowledge Enhancement
Trainee Brochure

Contents

Introducing... **VID**LEARN® **on Demand (VoD)**



690 Online GCSE Lessons
From 10 Key Subjects
Streamed to wherever you are

- Perfect for schools wanting to benefit from the many applications of our on demand lessons whilst enjoying huge savings on bulk licensing.
- Use in the classroom as an aid to teaching, particularly when a qualified teacher isn't available.
- Teachers can use our on demand lessons as CPD and learn to teach a new specialism within weeks.
- **VID**LEARN® on Demand can support pupils who are unable to attend mainstream lessons or, as extra study for the whole GCSE year groups.
- **VID**LEARN® on Demand is great for home schooling or for pupils who would like to fund additional study to help with exams.

As an SKE Trainee on a **VID**LEARN® Course, you will receive 2 months free access to every subject on our new and exciting educational streaming site at **https://ondemand.vidlearn.ac.uk.** You may start this access at any time during your course or following completion as long as your trial period starts on or before 31st August 2024.

Welcome.

About our Courses

Welcome &
About our Courses

VIDLEARN® is the UK's leading platform for Distance Learning Subject Knowledge Enhancement (SKE) courses for those thinking of training to teach one of the shortage subjects. On one of our courses you will be tutored by professionals in education to ensure that you are fully prepared for your ITT year. You can start a **VID**LEARN® course at any time during the academic year and learn at your own pace.

Red Kite Teacher Training work in partnership with VIDLEARN® to deliver the SKE course. On one of our courses you will be tutored by professionals in Education to ensure that you are fully prepared for your ITT year.

Distance Learning Subject Knowledge Enhancement (SKE) courses are available to trainees following School Direct, SCITT, PGCE or Teach First training routes. The courses are fully funded by the DfE and eligible candidates attract an SKE bursary. We have recently introduced a KS3 module that considers the subject at KS2, KS3 and the transition to KS4. Finally, we offer a selected group of Virtual Lessons for trainees to consider and that are introduced by an ITT subject specialist.

Each of our Science and Maths trainees enjoy the complete suite of Science and Maths resources as Optional Modules!

Following completion of the course, trainees enjoy 2 years of additional free access to the resources.

Additionally, our MFL trainees will all get a free optional subscription to Babbel® Professional to help with vocabulary if needed.

What's Right For Me? **COURSES AT A GLANCE**

Courses at a Glance

8 week – Accelerated GCSE SKE - 200 hours of study

Ideal for candidates needing to boost or refresh their subject knowledge to GCSE level. The 8-week or 200-hour course is structured to take trainees through the DfE specifications up to GCSE level. Trainees have access to the new KS3 resources to support their studies.

12 week – Enhanced GCSE SKE - 300 hours of study

Designed for candidates needing additional support to boost or refresh their subject knowledge to GCSE level. This 12-week or 300-hour course allows trainees to first complete our KS3 resources fully assessed to support their studies on the Core GCSE module.

16 week – Accelerated A Level SKE - 400 hours of study

For candidates needing to boost or refresh their subject knowledge to A Level. The 16-week or 400-hour course is structured to take trainees through the DfE A Level specifications. Trainees have optional access to the GCSE module and KS3 resources to support their studies.

20 week – Enhanced A Level SKE - 500 hours of study

Our enhanced A Level course is designed to provide candidates with a short boost to their GCSE subject knowledge to support their studies of the A Level content. Over 20 weeks or 500 hours, trainees use our KS3 resources, including GCSE Virtual Lessons, as an introduction to the A Level.

24 week – Accelerated GCSE & A Level SKE - 600 hours of study

Our Accelerated GCSE and A Level course is for candidates needing to boost or refresh their subject knowledge through GCSE to A Level. The 24-week or 600-hour course is structured to take trainees through the DfE GCSE and A Level specifications.

28 week – Enhanced GCSE & A Level SKE - 700 hours of study

Our longest course is designed for those trainees who would require subject knowledge development through GCSE and A Level. Here trainees use their 28-weeks or 700 hours to work through our GCSE and A Level modules, having completed the foundation KS3 module.

Am I Eligible?
Enrolling on a Course

Eligibility & **Enrolling on a Course**

To apply for one of our SKE courses, you will need to have been offered a place on an Initial Teacher Training course with successful completion of an SKE a condition of that offer.

It is important that you discuss with your provider which of our courses is most suited to your needs and have a clear idea of the duration of the SKE required. Trainees can simply visit the link at the front and back of this brochure and select the most suitable course. Each of our partners supply their own tutors and course leaders plus additional and unique educational components.

If you are not eligible for DfE funding or would like to pay for the course yourself, please visit https://sfske.vidlearn.ac.uk or use the contact information at the back of this brochure. We will be able to direct you to the correct course to suit your circumstances.

Following a very quick online application process, the application for your desired course is submitted to us. This will be checked and confirmed as quickly as possible. Pease note that a check with your ITT Provider is necessary as part of this process. As soon as your application is confirmed you will be sent your access details and instructions for starting the course.

Course Support & **What's Included**

Course Support & **What's Included**

Trainees will be encouraged to communicate with each other during the course and our suite of communication tools offers the perfect environment to do so. 'Communicate' includes a very easy-to-use forum. The forum can be used for communication between trainees studying the same subject. Trainees can share external links and documents of interest on the forum by attaching these to their posts. The suite also features the 'Announcements' system. This is a fantastic way for the tutor team to quickly communicate with the SKE cohort.

Vidlearn has a great support record for a very good reason – we strive to resolve all issues within 1 hour. This is achieved through our support team who manually assess every email and respond quickly to ensure that trainees' learning on the SKE is uninterrupted. We do not use automation as part of our support function. Trainees are never without help, you can contact us anytime for a speedy response.

Each trainee who completes the course will receive a formal End of Course Statement. This statement will be provided to the trainee and can be used as evidence that the trainee has met the conditions of their Teacher Training offer.

Included with every course:

- A dedicated Course Leader and Tutor
- Comprehensive technical support
- A Communication suite to keep you up to date
- A substantial library of Core and Optional Resources
- A Full History of your progress
- Liaison with your Provider (if necessary)
- **2 months free access to Vidlearn on Demand**
- A certificate of completion
- Formal confirmation to your provider of your completion

Chemistry

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Formulas Compounds and Mixtures
Atoms and Atomic Models
The Periodic Table
Halogens, Alkali and Transition Metals
Ions and Ionic Bonding
Covalent Bonding and Structures
Properties of Materials
Moles, Masses and Formulae
Ratio, Reactants and Concentrations
Metal Reactivity
Electrochemistry
Efficiency and Gas Calculations
Acids and Alkalis
Energy Changes and Cells
Collision Theory
Catalysts and Reversible Reactions
Organic Chemistry
Polymerisation
Testing and Purity
Chemistry of the Earth's Atmosphere
Potable Water and Alternative Metal Extraction
Sustainability

OPTIONAL MODULES

KS3 Science
GCSE Biology
GCSE Physics
GCSE Mathematics

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS

Formulas Compounds and Mixtures
Atoms and Atomic Models
The Periodic Table
Halogens, Alkali and Transition Metals
Ions and Ionic Bonding
Covalent Bonding and Structures
Properties of Materials
Moles, Masses and Formulae
Ratio, Reactants and Concentrations
Metal Reactivity
Electrochemistry
Efficiency and Gas Calculations
Acids and Alkalis
Energy Changes and Cells
Collision Theory
Catalysts and Reversible Reactions
Organic Chemistry
Polymerisation
Testing and Purity
Chemistry of the Earth's Atmosphere
Potable Water and Alternative Metal Extraction
Sustainability

OPTIONAL MODULES

GCSE Biology
GCSE Physics
GCSE Mathematics

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

Atomic Structure and Bonding
The Periodic Table
Electrochemistry
Energetics and Kinetics
Equilibria
Organic Chemistry 1
Organic Chemistry 2
Organic Synthesis and Analysis

OPTIONAL MODULES

KS3 Science
GCSE Chemistry
GCSE and A Level Biology
GCSE and A Level Physics
GCSE and A Level Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#chemistry

Chemistry

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE A LEVEL MODULE TOPICS

Atomic Structure and Bonding
The Periodic Table
Electrochemistry
Energetics and Kinetics
Equilibria
Organic Chemistry 1
Organic Chemistry 2
Organic Synthesis and Analysis

OPTIONAL MODULES

GCSE Chemistry
GCSE and A Level Biology
GCSE and A Level Physics
GCSE and A Level Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#chemistry

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

Formulas Compounds and Mixtures
Atoms and Atomic Models
The Periodic Table
Halogens, Alkali and Transition Metals
Ions and Ionic Bonding
Covalent Bonding and Structures
Properties of Materials
Moles, Masses and Formulae
Ratio, Reactants and Concentrations
Metal Reactivity
Electrochemistry
Efficiency and Gas Calculations
Acids and Alkalis
Energy Changes and Cells
Collision Theory
Catalysts and Reversible Reactions
Organic Chemistry
Polymerisation
Testing and Purity
Chemistry of the Earth's Atmosphere
Potable Water and Alternative Metal Extraction
Sustainability

CORE A LEVEL MODULE TOPICS

Atomic Structure and Bonding
The Periodic Table
Electrochemistry
Energetics and Kinetics
Equilibria
Organic Chemistry 1
Organic Chemistry 2
Organic Synthesis and Analysis

OPTIONAL MODULES

KS3 Science
GCSE and A Level Biology
GCSE and A Level Physics
GCSE and A Level Mathematics

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS

Formulas Compounds and Mixtures
Atoms and Atomic Models
The Periodic Table
Halogens, Alkali and Transition Metals
Ions and Ionic Bonding
Covalent Bonding and Structures
Properties of Materials
Moles, Masses and Formulae
Ratio, Reactants and Concentrations
Metal Reactivity
Electrochemistry
Efficiency and Gas Calculations
Acids and Alkalis
Energy Changes and Cells
Collision Theory
Catalysts and Reversible Reactions
Organic Chemistry
Polymerisation
Testing and Purity
Chemistry of the Earth's Atmosphere
Potable Water and Alternative Metal Extraction
Sustainability

CORE A LEVEL MODULE TOPICS

Atomic Structure and Bonding
The Periodic Table
Electrochemistry
Energetics and Kinetics
Equilibria
Organic Chemistry 1
Organic Chemistry 2
Organic Synthesis and Analysis

OPTIONAL MODULES

GCSE and A Level Biology
GCSE and A Level Physics
GCSE and A Level Mathematics

Physics

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Energy Stores and Power
Energy and Efficiency
Current, Resistance and Potential Difference
Parallel and Series Circuits
Resistors
Domestic Energy Supplies
Static Electricity and Electrical Fields
Particle Model of Matter
Pressure in Gases and Liquids
Atoms and the Atomic Model
Radioactivity
Uses of Radioactivity
Newton's Laws
Gravity and Work
Speed and Acceleration
Rotational Forces and Momentum
Stopping Distances
Transverse and Longitudinal Waves
The Electromagnetic Spectrum
Reflection and Refraction of Waves
Magnets
Motors, Generators and Transformers
Astronomy and Space

OPTIONAL MODULES

KS3 Science
GCSE Biology
GCSE Chemistry
GCSE Mathematics

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS

Energy Stores and Power
Energy and Efficiency
Current, Resistance and Potential Difference
Parallel and Series Circuits
Resistors
Domestic Energy Supplies
Static Electricity and Electrical Fields
Particle Model of Matter
Pressure in Gases and Liquids
Atoms and the Atomic Model
Radioactivity
Uses of Radioactivity
Newton's Laws
Gravity and Work
Speed and Acceleration
Rotational Forces and Momentum
Stopping Distances
Transverse and Longitudinal Waves
The Electromagnetic Spectrum
Reflection and Refraction of Waves
Magnets
Motors, Generators and Transformers
Astronomy and Space

OPTIONAL MODULES

GCSE Biology
GCSE Chemistry
GCSE Mathematics

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

Mechanics 1
Mechanics 2
Electricity
Waves
Materials
Fields
Particle Physics
Thermal Physics
Space

OPTIONAL MODULES

KS3 Science
GCSE Physics
GCSE and A Level Biology
GCSE and A Level Chemistry
GCSE and A Level Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#physics

Physics

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS
KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE A LEVEL MODULE TOPICS
Mechanics 1
Mechanics 2
Electricity
Waves
Materials
Fields
Particle Physics
Thermal Physics
Space

OPTIONAL MODULES
GCSE Physics
GCSE and A Level Biology
GCSE and A Level Chemistry
GCSE and A Level Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#physics

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS
Energy Stores and Power
Energy and Efficiency
Current, Resistance and Potential Difference
Parallel and Series Circuits
Resistors
Domestic Energy Supplies
Static Electricity and Electrical Fields
Particle Model of Matter
Pressure in Gases and Liquids
Atoms and the Atomic Model
Radioactivity
Uses of Radioactivity
Newton's Laws
Gravity and Work
Speed and Acceleration
Rotational Forces and Momentum
Stopping Distances
Transverse and Longitudinal Waves
The Electromagnetic Spectrum
Reflection and Refraction of Waves
Magnets
Motors, Generators and Transformers
Astronomy and Space

CORE A LEVEL MODULE TOPICS
Mechanics 1
Mechanics 2
Electricity
Waves
Materials
Fields
Particle Physics
Thermal Physics
Space

OPTIONAL MODULES
KS3 Science
GCSE and A Level Biology
GCSE and A Level Chemistry
GCSE and A Level Mathematics

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS
KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS
Energy Stores and Power
Energy and Efficiency
Current, Resistance and Potential Difference
Parallel and Series Circuits
Resistors
Domestic Energy Supplies
Static Electricity and Electrical Fields
Particle Model of Matter
Pressure in Gases and Liquids
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Uses of Radioactivity
Newton's Laws
Gravity and Work
Speed and Acceleration
Rotational Forces and Momentum
Stopping Distances
Transverse and Longitudinal Waves
The Electromagnetic Spectrum
Reflection and Refraction of Waves
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Astronomy and Space

CORE A LEVEL MODULE TOPICS
Mechanics 1
Mechanics 2
Electricity
Waves
Materials
Fields
Particle Physics
Thermal Physics
Space

OPTIONAL MODULES
GCSE and A Level Biology
GCSE and A Level Chemistry
GCSE and A Level Mathematics

Biology

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Cells, Microbes and Microscopy
Cell Growth and Reproduction
Cell Transport
Enzymes and Digestion
Respiration
Respiratory System, Circulatory System and Blood
Health and Disease
Viral and Bacterial Diseases
Defence Against Disease
Plant Structure, Growth and Disease
Photosynthesis and Plant Growth
The Human Nervous System and The Eye
Hormones
Homeostasis
DNA
Reproduction and Variation
Inheritance and Inherited Conditions
Adaptations and Artificial Selection
Evolution
Ecosystems
Cycles in Nature
Human Impact on the Environment

OPTIONAL MODULES

KS3 Science
GCSE Physics
GCSE Chemistry
GCSE Mathematics

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS

Cells, Microbes and Microscopy
Cell Growth and Reproduction
Cell Transport
Enzymes and Digestion
Respiration
Respiratory System, Circulatory System and Blood
Health and Disease
Viral and Bacterial Diseases
Defence Against Disease
Plant Structure, Growth and Disease
Photosynthesis and Plant Growth
The Human Nervous System and The Eye
Hormones
Homeostasis
DNA
Reproduction and Variation
Inheritance and Inherited Conditions
Adaptations and Artificial Selection
Evolution
Ecosystems
Cycles in Nature
Human Impact on the Environment

OPTIONAL MODULES

GCSE Physics
GCSE Chemistry
GCSE Mathematics

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

Biological Molecules
Cells
Plant Structures and Adaptations
Transport Systems
Energy for Biological Processes
Infections and Disease
The Human Body
Inheritance and Evolution
The Natural World
Genetics

OPTIONAL MODULES

KS3 Science
GCSE Biology
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#biology

Biology

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE A LEVEL MODULE TOPICS

Biological Molecules
Cells
Plant Structures and Adaptations
Transport Systems
Energy for Biological Processes
Infections and Disease
The Human Body
Inheritance and Evolution
The Natural World
Genetics

OPTIONAL MODULES

GCSE Biology
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Maths

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

Cells, Microbes and Microscopy
Cell Growth and Reproduction
Cell Transport
Enzymes and Digestion
Respiration
Respiratory System, Circulatory System and Blood
Health and Disease
Viral and Bacterial Diseases
Defence Against Disease
Plant Structure, Growth and Disease
Photosynthesis and Plant Growth
The Human Nervous System and The Eye
Hormones
Homeostasis
DNA
Reproduction and Variation
Inheritance and Inherited Conditions
Adaptations and Artificial Selection
Evolution
Ecosystems
Cycles in Nature
Human Impact on the Environment

CORE A LEVEL MODULE TOPICS

Biological Molecules
Cells
Plant Structures and Adaptations
Transport Systems
Energy for Biological Processes
Infections and Disease
The Human Body
Inheritance and Evolution
The Natural World
Genetics

OPTIONAL MODULES

KS3 Science
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Mathematics

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

KS2 Science
Starting KS3 Science
Moving from KS3 to KS4 Science
A selection of Virtual Lessons in Science

CORE GCSE MODULE TOPICS

Cells, Microbes and Microscopy
Cell Growth and Reproduction
Cell Transport
Enzymes and Digestion
Respiration
Respiratory System, Circulatory System and Blood
Health and Disease
Viral and Bacterial Diseases
Defence Against Disease
Plant Structure, Growth and Disease
Photosynthesis and Plant Growth
The Human Nervous System and The Eye
Hormones
Homeostasis
DNA
Reproduction and Variation
Inheritance and Inherited Conditions
Adaptations and Artificial Selection
Evolution
Ecosystems
Cycles in Nature
Human Impact on the Environment

CORE A LEVEL MODULE TOPICS

Biological Molecules
Cells
Plant Structures and Adaptations
Transport Systems
Energy for Biological Processes
Infections and Disease
The Human Body
Inheritance and Evolution
The Natural World
Genetics

OPTIONAL MODULES

GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Mathematics

https://ske.vidlearn.ac.uk/partners/redkite.html#biology

Maths

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Basics of Number Indices,
Roots and Surds Compound
Measures Algebra
Algebra – Linear
Equations Algebra – Quadratic Equations
Algebra – Simultaneous Equations
Sequences
Graphing
Ratio and Proportion
Geometry of 2D and 3D Shapes
Pythagoras and Trigonometry
Percentages
Angles
Constructions
Perimeter, Area and Volume
Vectors
Probability
Statistics
Continuous and Bivariate data

OPTIONAL MODULES

KS3 Mathematics
GCSE Physics
GCSE Chemistry
GCSE Biology

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 Maths
Starting KS3 Maths
Moving from KS3 to KS4 Maths
A selection of Virtual Lessons in Maths

CORE GCSE MODULE TOPICS

Basics of Number Indices,
Roots and Surds
Compound Measures
Algebra
Algebra – Linear Equations
Algebra – Quadratic Equations
Algebra – Simultaneous Equations
Sequences
Graphing
Ratio and Proportion
Geometry of 2D and 3D Shapes
Pythagoras and Trigonometry
Percentages
Angles
Constructions
Perimeter, Area and Volume
Vectors
Probability
Statistics
Continuous and Bivariate data

OPTIONAL MODULES

GCSE Physics
GCSE Chemistry
GCSE Biology

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

Algebra and Functions
Proof
Exponentials and Logarithms
Sequences and Series
Trigonometry
Coordinate Geometry
Differentiation
Integration
Numerical Methods
Vectors
Statistics
Mechanics

OPTIONAL MODULES

KS3 Mathematics
GCSE Mathematics
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Biology

https://ske.vidlearn.ac.uk/partners/redkite.html#maths

Maths

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 Maths
Starting KS3 Maths
Moving from KS3 to KS4 Maths
A selection of Virtual Lessons in Maths

CORE A LEVEL MODULE TOPICS

Algebra and Functions
Proof
Exponentials and Logarithms
Sequences and Series
Trigonometry
Coordinate Geometry
Differentiation
Integration
Numerical Methods
Vectors
Statistics
Mechanics

OPTIONAL MODULES

GCSE Mathematics
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Biology

https://ske.vidlearn.ac.uk/partners/redkite.html#maths

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

Basics of Number Indices,
Roots and Surds
Compound Measures
Algebra
Algebra – Linear Equations
Algebra – Quadratic Equations
Algebra – Simultaneous Equations
Sequences
Graphing
Ratio and Proportion
Geometry of 2D and 3D Shapes
Pythagoras and Trigonometry
Percentages
Angles
Constructions
Perimeter, Area and Volume
Vectors
Probability
Statistics
Continuous and Bivariate data

CORE A LEVEL MODULE TOPICS

Algebra and Functions
Proof
Exponentials and Logarithms
Sequences and Series
Trigonometry
Coordinate Geometry
Differentiation
Integration
Numerical Methods
Vectors
Statistics
Mechanics

OPTIONAL MODULES

KS3 Mathematics
GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Biology

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

KS2 Maths
Starting KS3 Maths
Moving from KS3 to KS4 Maths
A selection of Virtual Lessons in Maths

CORE GCSE MODULE TOPICS

Basics of Number Indices,
Roots and Surds
Compound Measures
Algebra
Algebra – Linear Equations
Algebra – Quadratic Equations
Algebra – Simultaneous Equations
Sequences
Graphing
Ratio and Proportion
Geometry of 2D and 3D Shapes
Pythagoras and Trigonometry
Percentages
Angles
Constructions
Perimeter, Area and Volume
Vectors
Probability
Statistics
Continuous and Bivariate data

CORE A LEVEL MODULE TOPICS

Algebra and Functions
Proof
Exponentials and Logarithms
Sequences and Series
Trigonometry
Coordinate Geometry
Differentiation
Integration
Numerical Methods
Vectors
Statistics
Mechanics

OPTIONAL MODULES

GCSE and A Level Physics
GCSE and A Level Chemistry
GCSE and A Level Biology

Computer Science

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS
Programming Basics
Programming Basics 2
Data Structures
Subroutines
Further Programming
Algorithms
Computer Systems
Computer Systems 2
Data representation
Computer networks and cybersecurity
Impacts of digital technology

OPTIONAL MODULES
KS3 Computer Science
GCSE Maths

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS
KS2 Computing
Starting KS3 Computing
Moving from KS3 to KS4 Computing
A selection of Virtual Lessons in Computer Science

CORE GCSE MODULE TOPICS
Programming Basics
Programming Basics 2
Data Structures
Subroutines
Further Programming
Algorithms
Computer Systems
Computer Systems 2
Data representation
Computer networks and cybersecurity
Impacts of digital technology

OPTIONAL MODULES
GCSE Maths

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS
Programming
Data Structures
Algorithms
Theory of Computation
Data Representation
Computer Systems
Computer Organisation and Architecture
Consequences of Uses of Computing
Communication & Networking
Databases
Functional Programming
Systematic Approaches to Problem Solving

OPTIONAL MODULES
KS3 Computer Science
GCSE Computer Science
GCSE Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#cs

Computer Science

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 Computing
Starting KS3 Computing
Moving from KS3 to KS4 Computing
A selection of Virtual Lessons in Computer Science

CORE A LEVEL MODULE TOPICS

Programming
Data Structures
Algorithms
Theory of Computation
Data Representation
Computer Systems
Computer Organisation and Architecture
Consequences of Uses of Computing
Communication & Networking
Databases
Functional Programming
Systematic Approaches to Problem Solving

OPTIONAL MODULES

GCSE Computer Science
GCSE Maths

https://ske.vidlearn.ac.uk/partners/redkite.html#cs

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

Programming Basics
Programming Basics 2
Data Structures
Subroutines
Further Programming
Algorithms
Computer Systems
Computer Systems 2
Data representation
Computer networks and cybersecurity
Impacts of digital technology

CORE A LEVEL MODULE TOPICS

Programming
Data Structures
Algorithms
Theory of Computation
Data Representation
Computer Systems
Computer Organisation and Architecture
Consequences of Uses of Computing
Communication & Networking
Databases
Functional Programming
Systematic Approaches to Problem Solving

OPTIONAL MODULES

KS3 Computer Science
GCSE Maths

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

KS2 Computing
Starting KS3 Computing
Moving from KS3 to KS4 Computing
A selection of Virtual Lessons in Computer Science

CORE GCSE MODULE TOPICS

Programming Basics
Programming Basics 2
Data Structures
Subroutines
Further Programming
Algorithms
Computer Systems
Computer Systems 2
Data representation
Computer networks and cybersecurity
Impacts of digital technology

CORE A LEVEL MODULE TOPICS

Programming
Data Structures
Algorithms
Theory of Computation
Data Representation
Computer Systems
Computer Organisation and Architecture
Consequences of Uses of Computing
Communication & Networking
Databases
Functional Programming
Systematic Approaches to Problem Solving

OPTIONAL MODULES

GCSE Maths

French

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Bonjour!
Ma famille et mes copains
Les relations
Mon temps libre / la routine
Culture et tradition
Au collège
Lá oú je vis
Je vais voyager!
À l'avenir & Un emploi d'été
Ma Sante
Notre Planète

OPTIONAL MODULES

KS3 MFL
Babbel® Professional

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 MFL
Starting KS3 MFL
Moving from KS3 to KS4 MFL
A selection of Virtual Lessons in MFL

CORE GCSE MODULE TOPICS

Bonjour!
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Au collège
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Ma Sante
Notre Planète

OPTIONAL MODULES

Babbel® Professional

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

La famille en voie de changement
La cybersociété
Le rôle du bénévolat
Une culture fière de son patrimoine
La musique francophone contemporaine
Cinéma: le septième art
La société multiculturelle française
Les marginalisés
Crime et châtiment
L'engagement politique
Grèves et manifestations
Cultural Studies

OPTIONAL MODULES

KS3 MFL
GCSE French
Babbel® Professional

https://ske.vidlearn.ac.uk/partners/redkite.html#french

French

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 MFL
Starting KS3 MFL
Moving from KS3 to KS4 MFL
A selection of Virtual Lessons in MFL

CORE A LEVEL MODULE TOPICS

La famille en voie de changement
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Cinéma: le septième art
La société multiculturelle française
Les marginalisés
Crime et châtiment
L'engagement politique
Grèves et manifestations
Cultural Studies

OPTIONAL MODULES

GCSE French
Babbel® Professional

https://ske.vidlearn.ac.uk/partners/redkite.html#french

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

Bonjour!
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Les relations
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Culture et tradition
Au collège
Lá oú je vis
Je vais voyager!
À l'avenir & Un emploi d'été
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CORE A LEVEL MODULE TOPICS

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La société multiculturelle française
Les marginalisés
Crime et châtiment
L'engagement politique
Grèves et manifestations
Cultural Studies

OPTIONAL MODULES

KS3 MFL
Babbel® Professional

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

KS2 MFL
Starting KS3 MFL
Moving from KS3 to KS4 MFL
A selection of Virtual Lessons in MFL

CORE GCSE MODULE TOPICS

Bonjour!
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Culture et tradition
Au collège
Lá oú je vis
Je vais voyager!
À l'avenir & Un emploi d'été
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Notre Planète

CORE A LEVEL MODULE TOPICS

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Cinéma: le septième art
La société multiculturelle française
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Crime et châtiment
L'engagement politique
Grèves et manifestations
Cultural Studies

OPTIONAL MODULES

Babbel® Professional

Spanish

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Hola!
Mi familia y mis amigos
Las relaciones & La Rutina
El Tiempo Libre
El Colegio
Mi Barrio
¡Voy a viajar por el mundo!
En el futuro & Trabajo de verano
Mi Salud
¡El deporte nos une! & Si cuidáramos nuestro mundo...

OPTIONAL MODULES

KS3 MFL
Babbel® Professional

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 MFL
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A selection of Virtual Lessons in MFL

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OPTIONAL MODULES

Babbel® Professional

16 Week A Level SKE Course (400 Hours)

CORE A LEVEL MODULE TOPICS

Los valores tradicionales y modernos
El ciberespacio
La igualdad de los sexos
La influencia de los ídolos
La identidad regional en España
El patrimonio cultural
La Inmigración
El Racismo
La Convivencia
Jóvenes de hoy, ciudadanos de mañana
Monarquías y dictaduras
Cultural Studies

OPTIONAL MODULES

KS3 MFL
GCSE Spanish
Babbel® Professional

https://ske.vidlearn.ac.uk/partners/redkite.html#spanish

Spanish

20 Week GCSE/A Level SKE Course (500 Hours)

CORE KS3 MODULE TOPICS

KS2 MFL
Starting KS3 MFL
Moving from KS3 to KS4 MFL
A selection of Virtual Lessons in MFL

CORE A LEVEL MODULE TOPICS

Los valores tradicionales y modernos
El ciberespacio
La igualdad de los sexos
La influencia de los ídolos
La identidad regional en España
El patrimonio cultural
La Inmigración
El Racismo
La Convivencia
Jóvenes de hoy, ciudadanos de mañana
Monarquías y dictaduras
Cultural Studies

OPTIONAL MODULES

GCSE Spanish
Babbel® Professional

https://ske.vidlearn.ac.uk/partners/redkite.html#spanish

24 Week GCSE/A Level SKE Course (600 Hours)

CORE GCSE MODULE TOPICS

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CORE A LEVEL MODULE TOPICS

Los valores tradicionales y modernos
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El patrimonio cultural
La Inmigración
El Racismo
La Convivencia
Jóvenes de hoy, ciudadanos de mañana
Monarquías y dictaduras
Cultural Studies

OPTIONAL MODULES

KS3 MFL
Babbel® Professional

28 Week GCSE/A Level SKE Course (700 Hours)

CORE KS3 MODULE TOPICS

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Moving from KS3 to KS4 MFL
A selection of Virtual Lessons in MFL

CORE GCSE MODULE TOPICS

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CORE A LEVEL MODULE TOPICS

Los valores tradicionales y modernos
El ciberespacio
La igualdad de los sexos
La influencia de los ídolos
La identidad regional en España
El patrimonio cultural
La Inmigración
El Racismo
La Convivencia
Jóvenes de hoy, ciudadanos de mañana
Monarquías y dictaduras
Cultural Studies

OPTIONAL MODULES

Babbel® Professional

English

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Critical reading and comprehension
Summarising and synthesising
Writing clear and coherent text
Writing for impact
Grammar and Vocabulary
Spoken language
Critical reading and comprehension
Evaluating and comparing texts
Writing clearly and coherently about Literature

OPTIONAL MODULES

KS3 English
GCSE Advanced English Literature

12 Week GCSE SKE Course (300 Hours)

CORE KS3 MODULE TOPICS

KS2 English
Starting KS3 English
Moving from KS3 to KS4 English
A selection of Virtual Lessons in English

CORE GCSE MODULE TOPICS

Critical reading and comprehension
Summarising and synthesising
Writing clear and coherent text
Writing for impact
Grammar and Vocabulary
Spoken language
Critical reading and comprehension
Evaluating and comparing texts
Writing clearly and coherently about Literature

OPTIONAL MODULES

GCSE Advanced English Literature

16 Week Enhanced GCSE with Advanced English Literature SKE (400 Hours)

CORE KS3 MODULE TOPICS

KS2 English
Starting KS3 English
Moving from KS3 to KS4 English
A selection of Virtual Lessons in English

CORE GCSE MODULE TOPICS

Critical reading and comprehension
Summarising and synthesising
Writing clear and coherent text
Writing for impact
Grammar and Vocabulary
Spoken language
Critical reading and comprehension
Evaluating and comparing texts
Writing clearly and coherently about Literature

ADVANCED ENGLISH LITERATURE

Macbeth
Romeo and Juliet
An Inspector Calls
Blood Brothers
Animal Farm
Dr Jekyll and Mr Hyde
A Christmas Carol
Poetry

https://ske.vidlearn.ac.uk/partners/redkite.html#english

Religious Education

8 Week GCSE SKE Course (200 Hours)

CORE GCSE MODULE TOPICS

Christianity
Catholic Christianity
Islam
Buddhism
Hinduism
Judaism
Sikhism
Religious Expression
Religious Texts
Relationships, Marriage and the Family
Crime and Punishment
Matters of Life and Death
Origin Stories: Religion vs Science
Peace and Conflict
Equality, Human Rights and Social Justice

OPTIONAL VIRTUAL LESSONS

A selection of Virtual Lessons in Religious Education

https://ske.vidlearn.ac.uk/partners/redkite.html#re

Primary Maths

8 Week GCSE SKE Course (200 Hours)

CORE MODULE TOPICS

Early Number Sense Addition and Subtraction
Multiplication and Division
Fractions part 1
Time
Geometry – Properties of Shape
Algebra
Mental Methods
Times Tables
Fractions part 2
Measures and Measurement
Statistics

OPTIONAL KS3 MODULE TOPICS

KS2 Maths
Starting KS3 Maths
Moving from KS3 to KS4 Maths
A selection of Virtual Lessons in Maths

OPTIONAL GCSE MODULE TOPICS

Basics of Number Indices,
Roots and Surds
Compound Measures
Algebra
Algebra – Linear Equations
Algebra – Quadratic Equations
Algebra – Simultaneous Equations
Sequences
Graphing
Ratio and Proportion
Geometry of 2D and 3D Shapes
Pythagoras and Trigonometry
Percentages
Angles
Constructions
Perimeter, Area and Volume
Vectors
Probability
Statistics
Continuous and Bivariate data

https://ske.vidlearn.ac.uk/partners/redkite.html#primarymaths

Contact

Dr Ashlee Perry - Director of Education

“As we approach our 14th year in the delivery of online Subject Knowledge Enhancement (SKE) Courses, I remain proud of the unique content we provide. This can only be achieved via constant review and replacement of lessons and lectures, with one eye on emerging technologies. We do also have wonderful presenters who strive to inspire and engage learners through the camera. With our wealth of experience, we welcome your SKE enquiries. Even if we cannot provide a solution within VIDLEARN, we will always point you in the right direction. Please use the details below to get in touch.”

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