



**Academic Year 2023/24**

**0330 1333297**

<https://ske.vidlearn.ac.uk/partners/bpn.html>  
[enquiries@vidlearn.ac.uk](mailto:enquiries@vidlearn.ac.uk)

## Subject Knowledge Enhancement **Trainee Brochure**



# Contents

Introducing <b>VIDLEARN</b> <sup>®</sup> on Demand	3
Welcome and About our courses	4
Courses at a Glance	6
Eligibility and Enrolling on a Course	8
Course Support and What's Included	10
Chemistry Courses	12
Physics Courses	14
Biology Courses	16
Mathematics Courses	18
Computer Science Courses	20
French Courses	22
Spanish Courses	24
English Courses	26
Religious Education and Primary Maths Courses	27

# Introducing... **VIDLEARN® 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.

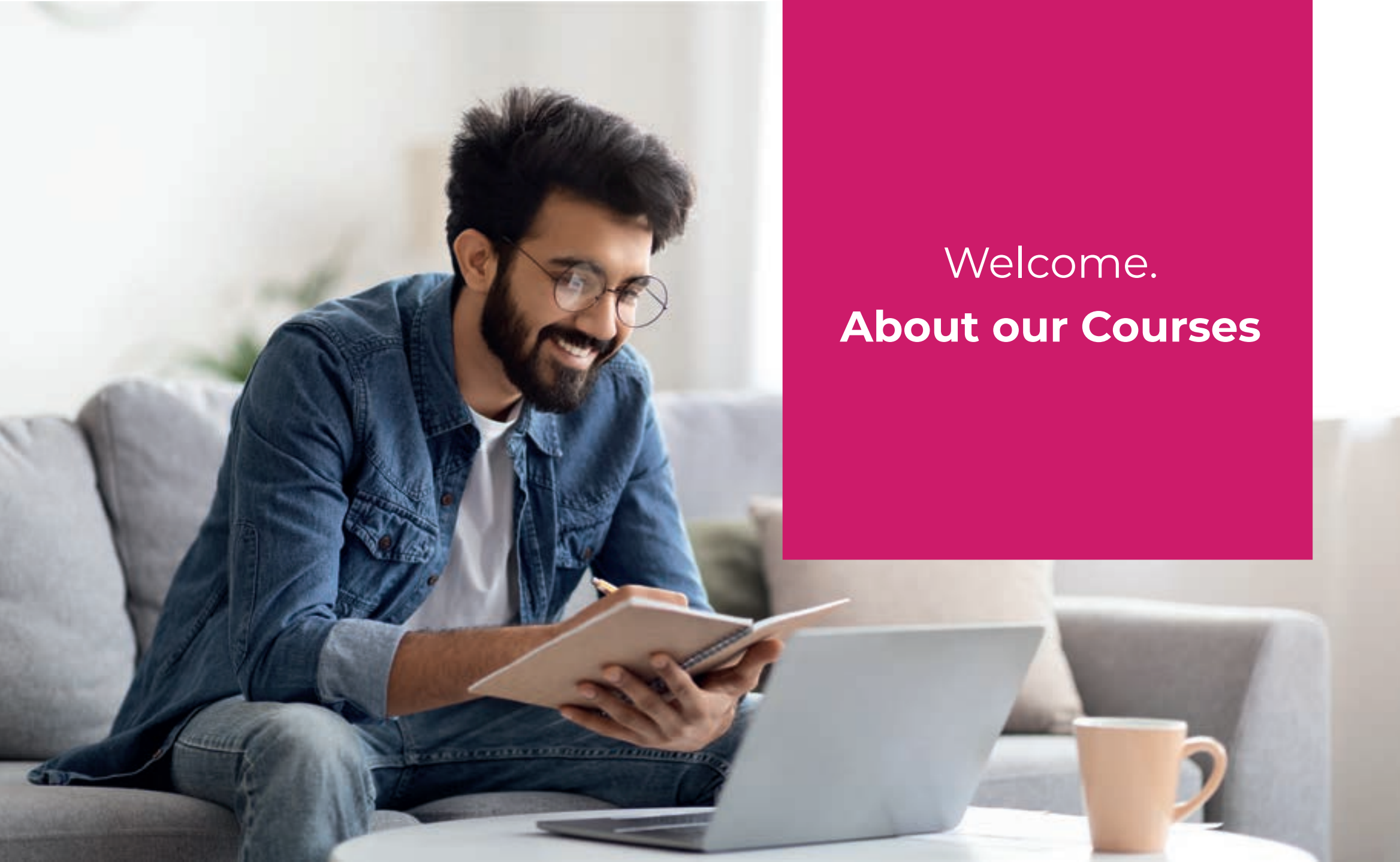


Teachers can use our on demand lessons as CPD and learn to teach a new specialism within weeks.



**VIDLEARN®** on Demand can support pupils who are unable to attend mainstream lessons or, as extra study for the whole GCSE year groups.

As an SKE Trainee on a **VIDLEARN®** 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 who are 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 **VIDLEARN®** course at any time during the academic year and learn at your own pace.

Best Practice Network, 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 Babel® 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 a Teacher Training Programme 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. Please 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

# 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

## 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

# 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

## 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  
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

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



# 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

# Mathematics

## 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 Mathematics  
Starting KS3 Mathematics  
Moving from KS3 to KS4 Mathematics  
A selection of Virtual Lessons in Mathematics

### 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

# Mathematics

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

### CORE KS3 MODULE TOPICS

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

### 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

## 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 Mathematics  
Starting KS3 Mathematics  
Moving from KS3 to KS4 Mathematics  
A selection of Virtual Lessons in Mathematics

### 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 Computer Science  
Starting KS3 Computer Science  
Moving from KS3 to KS4 Computer Science  
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

# Computer Science

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

### CORE KS3 MODULE TOPICS

KS2 Computer Science  
Starting KS3 Computer Science  
Moving from KS3 to KS4 Computer Science  
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

## 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 Computer Science  
Starting KS3 Computer Science  
Moving from KS3 to KS4 Computer Science  
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  
Là où je vis  
Je vais voyager!  
À l'avenir & Un emploi d'été  
Ma Santé  
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!  
Ma famille et mes copains  
Les relations  
Mon temps libre / la routine  
Culture et tradition  
Au collège  
Là où je vis  
Je vais voyager!  
À l'avenir & Un emploi d'été  
Ma Santé  
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 châtement  
L'engagement politique  
Grèves et manifestations  
Cultural Studies

### OPTIONAL MODULES

KS3 MFL  
GCSE French  
Babbel® Professional

# 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  
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 châtimeant  
L'engagement politique  
Grèves et manifestations  
Cultural Studies

### OPTIONAL MODULES

GCSE French  
Babbel® Professional

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

### CORE GCSE MODULE TOPICS

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

### 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 châtimeant  
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!  
Ma famille et mes copains  
Les relations  
Mon temps libre / la routine  
Culture et tradition  
Au collège  
Là où je vis  
Je vais voyager!  
À l'avenir & Un emploi d'été  
Ma Santé  
Notre Planète

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

### 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

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



# 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

## 24 Week GCSE/A Level SKE Course (600 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...

### 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  
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

¡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...

### 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

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

# 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 TOPICS

Religion and Family  
Religion and Life/Death  
The Existence of God  
Peace and Conflict  
Crime and Punishment  
Equality and Human Rights  
Religious and non-religious beliefs  
Christianity  
Islam  
Buddhism  
Hinduism  
Judaism  
Sikhism  
Catholic Christianity

# 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 Mathematics  
Starting KS3 Mathematics  
Moving from KS3 to KS4 Mathematics  
A selection of Virtual Lessons in Mathematics

### 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

# Contact

**0330 1333297**

<https://ske.vidlearn.ac.uk/partners/bpn.html>

[enquiries@vidlearn.ac.uk](mailto:enquiries@vidlearn.ac.uk)

