

iP



Pearson
Edexcel

*Pearson
Edexcel **i**Primary –
a guide for schools*

Welcome

Welcome to Pearson, the world's leading learning company and the UK's largest awarding body. We have a simple mission: to help make a measurable impact on improving people's lives through learning.

Introducing Pearson Edexcel iPrimary

This guide will provide an introduction to iPrimary - our one-stop international curriculum in English, Mathematics, Science, Computing, Citizenship and Early Years for 3 to 11 year olds.

iPrimary at a glance:

- Based on the latest English National Curriculum (2014), with an international approach
- Written with learners of English as an additional language (EAL) in mind
- Teacher training and online Professional Development support included
- Full Schemes of Work provided for all years and every unit of content exemplified
- Mapped to internationally-renowned Pearson resources, such as Bug Club, Abacus and Science Bug International
- Internal and external progress tests for international benchmarking



* Please note that the Early Years curricula is not a qualification and does not have progress tests or Schemes of Work as part of the programme.

Seamless progression from ages 3 to 19

Pearson Edexcel iPrimary is part of iProgress, our complete series for international schools.

The iProgress family includes iPrimary, iLowerSecondary, International GCSE (IG) and International Advanced Level (IAL), and delivers a seamless and consistent learning journey for students and teachers, everywhere in the world.

			
iPrimary	iLowerSecondary	International GCSE (9-1)	International Advanced Level (IAL)
Ages 3-11	Ages 11-14	Ages 14-16	Ages 16-19
Early years, english, maths, science, computing and global citizenship	English, maths, science, computing and global citizenship	Available in 37 subjects	Available in 21 subjects

Foundation for future success

Based on the UK curriculum but designed with a global outlook, iProgress opens the doors of the best universities in all parts of the world and equips learners to thrive in an ever-changing global economy.

More than just a curriculum or qualification suite

With professional development training that keeps teachers up to date with the latest educational practices, supporting materials that make planning and teaching lessons easier, and student textbooks and online resources, you'll have more time to focus on the individual development of your students' progress.

Principles for progress

Our pedagogical experts have identified ten principles that will give students the best opportunity to develop along their learning journey. These aren't just theoretical concepts, but practical ideas that every teacher can incorporate in their lessons. More information is included in the teacher's guides that accompany the programmes.

In addition to the ten principles, formative assessment underpins and runs through every aspect of the programme. Knowing the students' starting point, understanding their learning and reflecting on their development helps to ensure progress for all.

The Ten Principles

- 1 Engaging everyone** includes techniques for ensuring that all students are involved in the lesson and participate in discussion, including whole-class question-and-answer sessions.
- 2 Differentiation** provides ideas for adapting your teaching to ensure that all students can access the learning according to their level and achieve good outcomes. These techniques also convey the importance of having high expectations of all students.
- 3 Enabling independent learning** outlines ways of supporting your students to 'have a go' and not to be put off by challenging ideas or tasks. It also provides techniques for helping all students take more responsibility for their own progress.
- 4 Effective questioning** offers practical tips for asking questions that make students think. It outlines question types (for example, closed, open, factual, conceptual, probing, discussion) and provides examples of each.
- 5 Teacher talk** is important and we provide ideas to make it as effective as possible with ways of engaging your students as you introduce new content and explain activities.
- 6 Collaborative activities** are vital for growing student skills, and we provide practical ideas for grouping students and ensuring that group work is really focused and productive. We also outline ways of developing student ownership of their learning and the ways in which group work can build confidence too.
- 7 Teacher demonstration** is focused on how to conduct effective teacher demonstrations and how you can model important learning behaviours too.
- 8 Developing thinking skills** highlights ways in which you can encourage your students' abilities to think critically, to problem-solve and to carry out their own mini inquiries.
- 9 Reflecting on learning** is about getting students to think constructively about their own learning and to take control over how to make better progress.
- 10 Feedback (in both directions)** offers practical ideas for conducting good two-way feedback between you and your students in order to improve learning and achievement.

Early Years programme



The Early Years curricula is a 2 year programme for K and pre-K reception and nursery children. It contains clear and exemplified objectives to help teachers understand the level that children should be working at and how learning progresses over time.

The new Early Years programme includes:

Maths

Inspires mathematical curiosity and resilience, while introducing key mathematical concepts

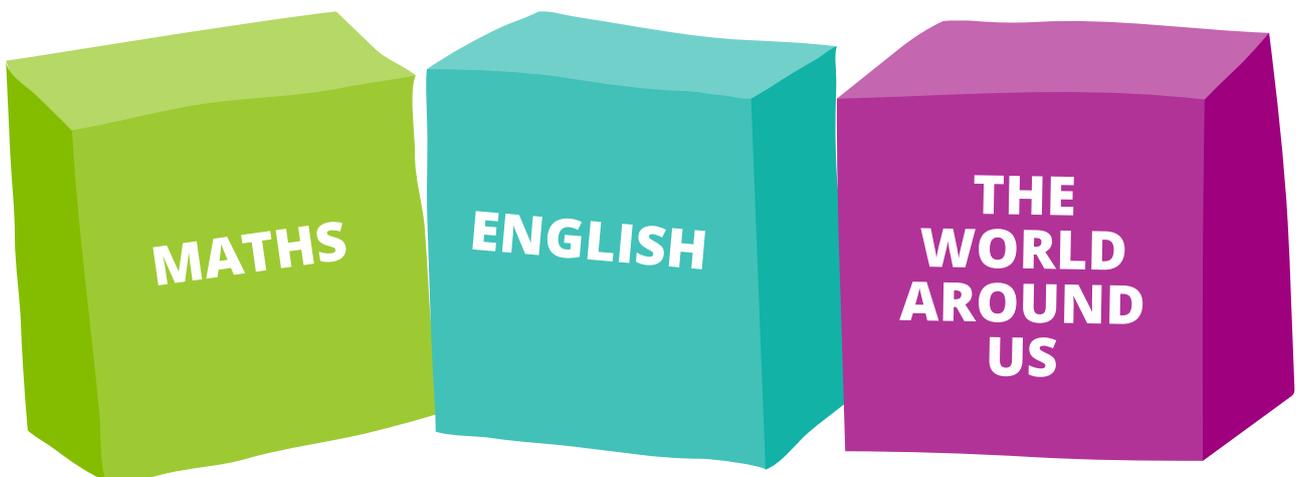
English

Encourages early language development and exploration in English

The World Around Us

Develops early research and questioning skills, and encourages social development

It covers the prerequisites for students moving into full-time academic education and beginning our iPrimary programme.



Subject overview - Global Citizenship

Prepare your students to be global citizens

iPrimary Global Citizenship is part of the only fully integrated Global Citizenship programme for students aged 5–16. It provides curriculum support, assessment, teaching and learning resources and qualifications for 5–11 year olds.

- Gives a firm foundation in Global Citizenship to ensure that your youngest learners start their journey with the skills and knowledge they need to progress
- Provides a consistent learning journey and supports students' progress with ongoing assessment and external examinations at the end of Year 6/ages 10–11
- Curriculum-matched teaching and learning resources, available as print and online. Designed for international students, with exam preparation and practice included
- Supported by world-class services including teacher training and professional development support, exam preparation and analysis services



Subject overview - English

The iPrimary English curriculum contains three main strands, with each split into sub-strands. The curriculum promotes engagement and enjoyment while ensuring students are well placed to achieve highly in later examinations.

The strands and sub-strands are:

Spoken Language

- Receptive Language
- Expressive Language

Reading

- Word Reading and Phonics (up to Year 3)
- Word Reading and Accuracy
- Literal Comprehension
- Inferential Comprehension
- Text Structure and Purpose
- Grammar for Reading

Writing

- Transcription and Phonics
- Vocabulary
- Composition
- Handwriting and Word Processing
- Grammar for Writing
- Punctuation

The iPrimary English curriculum ensures students engage with a range of text types and learn to communicate effectively in written and spoken English. It provides students with the skills and knowledge they need to access the wider curriculum and gives an excellent platform for later learning.



Subject overview - Mathematics

The iPrimary Mathematics curriculum contains three main strands, with each split into sub-strands. The curriculum promotes engagement and enjoyment while ensuring students are well placed to achieve highly in later examinations.

The strands and sub-strands are:

Numbers and the Number System

- Number and Place Value
- Addition and Subtraction
- Multiplication and Division (from Year 2)
- All Four Operations (from Year 3)
- Fractions
- Fractions and Decimals (from Year 4)
- Percentages (Year 6)
- Ratio and Proportion (Year 6)
- Algebra (Year 6)

Geometry and Measure

- Measure
- Shape
- Position
- Position and Direction (Year 6)

Statistics

The curriculum is designed to ensure that key Mathematics skills are properly embedded and that students are secure in their understanding of the concepts needed to be strong mathematicians. The iPrimary Mathematics curriculum gives an excellent platform for later learning and ensures students are prepared for the challenges ahead of them.



Subject overview - Science

The iPrimary Science curriculum contains four main strands, with each split into topic areas. The curriculum promotes engagement and enjoyment while ensuring students are well placed to achieve highly in later examinations.

Scientific Enquiry

Biology

Chemistry

Physics

Scientific enquiry is embedded within the other three strands and students are encouraged to take an engaged and investigative approach to their learning. The iPrimary Science curriculum gives an excellent platform for later learning and ensures students are prepared for the challenges ahead of them.

“

What we want from adopting an external curriculum is a consistent line that keeps everyone teaching the same things throughout the year and from year to year.”

Graham Thompson -
Southlands International School,
Rome

Subject overview - Computing

Our Computing programme joined iPrimary in 2019. It has been developed in conjunction with leading education and industry experts to ensure that the skills learnt at primary and lower secondary level prepare students for International GCSE and beyond.

This programme is structured around the 4 cornerstones of computational thinking:

decomposition

pattern
recognition

abstraction

algorithm
design

It equips students to:



Understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.



Analyse problems in computational terms, write computer programmes, evaluate and apply information technology and solve problems.



Be responsible, competent, confident and creative users of information and communication technology.



Professional development

Our three day face-to-face professional development programme has been designed to fully equip teachers with an understanding of the components of iPrimary, as well as key teaching and learning strategies to help them implement the curriculum effectively and confidently in their classrooms.

Sessions

Our professional development programme is divided into modular sessions that provide three different areas of support:

1. iPrimary Orientation

These sessions provide information and hands-on practice using different elements of the programme. They include an exploration of iPLS assessments and orientation to two online learning platforms, ActiveLearn Primary (ALP) and ActiveLearn Digital Service (ALDS).

2. Model Lessons

On each of the three days, teachers will participate in sample lessons taken directly from the new curriculum. Each day will highlight a different subject area and teachers will have opportunities to discuss and analyse the lessons together with their facilitator.

3. Teaching and Learning Strategies

Teachers will also engage with key teaching and learning strategies for the following:

- Active Learning: strategies that focus on student-centred activities that allow students to construct knowledge and meaning
- Formative Assessment: strategies for assessing where students are in their learning and using the results to adjust instruction
- Critical Thinking: strategies for promoting students' critical thinking skills, such as evaluating, comparing and questioning

Teachers will learn and practise a variety of strategies that they will be able to apply directly to their classrooms. Additional teaching and learning strategies will be offered in future to further build classroom skills.

Three-day Professional Development Schedule

The table below presents a possible sequence of professional learning, which can be adapted to suit the needs of the schools attending.

Day 1	Day 2	Day 3
Orientation	Model Maths Lesson	Critical Thinking
Model English Lesson	Formative Assessment	Model Science Lesson
Active Learning	Overview of Assessment	ALP/ALDS Demonstration and Action Planning/Wrap-Up

There will also be Handbooks for school coordinators to provide guidance on ways to support implementation, including:

- sample application tasks for activities
- templates for coaching observation, and collaboration sessions.

Internal and external assessment

Measure your students' learning with built-in internal Progress Tests and external, internationally benchmarked Achievement Tests. New Progress Tests will be added each year, so in 2019 that means an additional 304 tests to add to your revision library!

Our content and assessment has been developed in collaboration across all four subjects to ensure a seamless progression from iPrimary to iLowerSecondary and a consistent approach across the whole Pearson Edexcel iProgress programme.

SCIENCE

Name: _____

Class: _____ Date: _____

Year 4
Skeletons and Muscles

1 What is the main use of bones?

a) moving

b) sleeping

c) spreading disease

d) tasting food

2 Which statement best describes a joint?

a) a group of bones

b) a place where bones meet

c) a very hard bone

d) two bones fixed together

Progress Tests

Progress Tests are internally administered and marked assessments that are included as part of the programme. These tests are updated every year to provide new tests for all students as well as an ever-increasing bank of questions for teachers.

Progress Tests are included for every topic (in Science) or half term (in Mathematics, English, Computing and Early Years), as well as a full, summative end-of-year test for each year group in the programme.

Achievement Tests

Achievement Tests are assessments that are externally administered and marked by Pearson Edexcel, and are available at the end of iPrimary (in Year 6 / age 11) and iLowerSecondary (in Year 9 / age 14).

These tests provide the ideal opportunity both to check the learning of students at the end of each key stage, and to provide a qualification that is internationally benchmarked against students around the world.

Additionally, there is a wealth of assessment analysis and support through our ResultsPlus service. **ResultsPlus** provides the most detailed analysis available of your students' exam performance, and can help you to identify the topics and skills where further learning would benefit your students.

SECTION A
 Answer ALL questions.

In Section A put a cross in each correct box to indicate your answer. If you change your mind, put a line through the box and then put a cross in another box .

1 What is 5m equal to?

50mm	500mm	50cm	500cm
<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D

(Total for Question 1 is 1 mark)

2 Work out

$84 \div 12$

7	9	42	72
<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D

(Total for Question 2 is 1 mark)

Write your name here

Centre _____ Other name _____

Pearson Edexcel International Primary Award

Centre Number _____ Candidate Number _____

Mathematics

Year 6

Achievement Test

Sample assessment material for first teaching September 2018

Time: 1 hour XXXXXXXXXX

You must have:
 Ruler graduated in centimetres and millimetres, pen, HB pencil, eraser, single measurer.

Instructions

- Use black ink or black ball point pen.
- Fill in the boxes at the top of this page with your name, centre number and candidate number.
- Answer all questions.
- Answer the questions in the spaces provided – there may be more space than you need.
- Calculators are **NOT** allowed.

Information

- The total mark for this paper is 60.
- The marks for each question are shown in brackets – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over >

S59816A Pearson

Pearson Edexcel International Award in Primary Mathematics – Sample assessment material (SAMS) Version 1.0 – first publication – February 2018 © Pearson Education Limited 2018

Start teaching iPrimary

Resources to support you

Our experts have fully mapped our world-renowned published resources* to the iPrimary learning objectives from reception to yr 6, so that you can start teaching straight away, with the peace of mind that you have all you need. The online components are available through ActiveLearn Primary. Find out more at:

[pearson.com/international-schools](https://www.pearson.com/international-schools).

Resources for the iPrimary curriculum



Bug Club

Bug Club for iPrimary English

- Pearson's core whole school reading program
- Books in print and eBook format
- Engaging online reading world designed to help children catch the reading bug



Abacus for iPrimary Mathematics

- Unique and flexible maths toolkit
- Over 10,000 digital and printed resources to help inspire a genuine love of maths
- Helps every child master the maths curriculum



INTERNATIONAL

Science Bug International for iPrimary Science

- A flexible approach to topic work comprising 72 new printed components
- Delivers the requirements of the UK Primary Curriculum, adapted for international schools
- Online and print resources help spark students' imagination and fuel curiosity



Building Blocks: Grammar and Punctuation

- Provides the building blocks for grammar and punctuation success
- Modular and comprehensive content, covering curriculum objectives whilst allowing flexibility for student growth
- Developed with expert authors and tested in schools to ensure it meets the needs of different types of learners

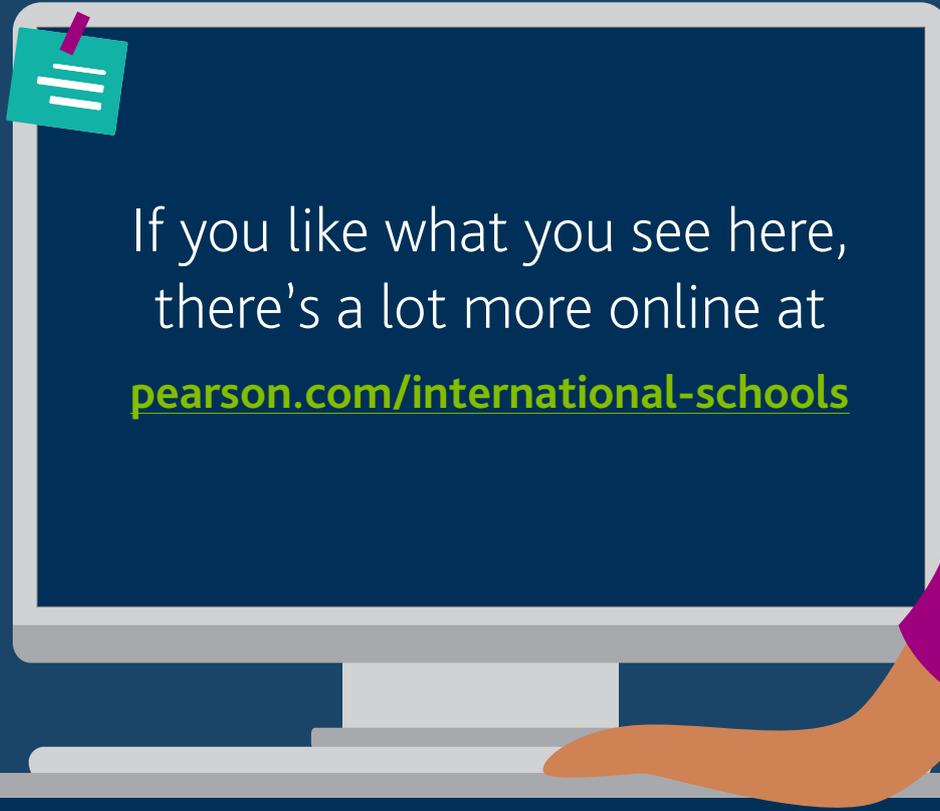
Also available on ActiveLearn:



MAPPED
TO IPRIMARY



Find out more in our [Resources Guide](#)



Next steps



Learn more about iPrimary at:
[pearsoninternational-schools.com/iprimary](https://www.pearsoninternational-schools.com/iprimary)



Contact your local representative to sign up or find out more -
[pearson.com/international-schools/contact-us](https://www.pearson.com/international-schools/contact-us)



Attend one of our launch events in your region -
[qualifications.pearson.com/training](https://www.qualifications.pearson.com/training)



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