Pearson Edexcel iPrimary - a guide for schools

New Computing programme for 2019
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 new one-stop international curriculum in English, Mathematics, Science and Computing* for 5 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
- Face-to-face 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 and Abacus
- Internal and external progress tests for international benchmarking.

* Computing new for first teaching in 2019
Seamless progression from ages 5 to 18

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.

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.
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)

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 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.”

Graham Thompson - Southlands International School, Rome

Scientific Enquiry

Biology

Chemistry

Physics
Computing programme
for first teaching in September 2019

We are delighted to announce the launch of our new Computing programme for first teaching in September 2019. It has been developed in conjunction with leading education and industry experts to ensure that the skills being developed 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 will equip 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.

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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.
Resources for the new curriculum

Our experts have fully mapped our world-renowned published resources* to the iPrimary learning objectives from years 1 to 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: pearsonglobalschools.com/activelearnprimary

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**Bug Club for iPrimary English**

Bug Club is Pearson’s core whole-school reading programme, which combines stunning books - in print and ebook format - and an incredible online reading world. With components in Phonics, Grammar and Spelling, Comprehension and Plays by Julia Donaldson, the Bug Club family has everything you need to help children catch the reading bug.

Visit - pearsonglobalschools.com/bugclub

**Abacus for iPrimary Mathematics**

Abacus is a unique and flexible maths toolkit that’s carefully crafted, with a combination of over 10,000 digital and printed resources, to help you inspire a genuine love of maths and help every child master the maths curriculum. Abacus gives you freedom when you want it and structure when you choose it.

Visit - pearsonglobalschools.com/abacus

**Science Bug International**

Our new International edition of Science Bug has 72 new printed components and a more flexible approach to topic work. It’s been written to deliver the requirements of the UK Primary Curriculum, but adapted to meet the needs of international schools. Packed with online and print resources to help you spark imagination, fuel curiosity and nurture inspired and confident young scientists!

Visit - www.pearsonglobalschools.com/sciencebug

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We also recommend our Heinemann Explore Science programme for use with the iPrimary Science curriculum.

For more information, please take a look at our guide to fully mapped resources at: qualifications.pearson.com/iprimary

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*Pearson highly recommends, but does not mandate, the use of our resources for teaching the iPrimary and iLowerSecondary curriculum.*
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 236 tests to add to your revision library!

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

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 and English), 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 iPriory (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.
Start teaching iPrimary

8 reasons to contact us today

- An international curriculum
- Full Schemes of Work and Lesson Plans
- Comprehensive teacher support
- Professional development
- Foundation for future success
- Internal and external assessment
- Mapped to internationally-renowned resources
- Seamless progression to International GCSE and beyond

Next steps

Learn more about iPrimary at: qualifications.pearson.com/iprimary

Contact your local representative to sign up or find out more - pearsonglobalschools.com/contact

Attend one of our launch events in your region - qualifications.pearson.com/training

Visit us online - qualifications.pearson.com/iprimary

Join our Pearson International School Community and connect with international teachers around the world - community.pearsoninternationalschools.com