4th edition

The number one KS3 geography course has evolved

NEW
for the
2014 KS3 curriculum
Evolved, for today’s teachers and students

geog.123’s thorough and motivating approach has made it the number one course for ages 11–14. The 4th edition has been fully revised to match the 2014 KS3 Programme of Study and is accompanied by Kerboodle online resources to really bring geography to life – and save you time!

How the 4th edition supports you

While preparing the 4th edition, we spoke to teachers about their needs and priorities in order to create support that is really practical for your classroom.

Teachers asked for ...

- ...resources to support the new topics introduced for the 2014 KS3 Programme of Study, including the extra physical geography topics and the specified regions.
  
  Turn to page 4 to see the list of contents

- ...resources which prepare students for GCSE by building strong locational knowledge, understanding of concepts and processes, and geographical skills and literacy.
  
  Read on to see how each part of the course helps you build strong foundations for GCSE

- ...digital Student Books students can use in the classroom or at home.
  
  Turn to page 5 to find out about Kerboodle Books

- ...digital materials that are KS3-appropriate and support the delivery of stimulating, active lessons.
  
  Turn to pages 6–9 to see the Kerboodle Lessons, Resources, and Assessment packages

- ...differentiation throughout the course.
  
  Turn to page 7 to learn how differentiation is provided by the Kerboodle Lessons, Resources, and Assessment packages

- ...more assessment support, including options for measuring progress without levels and resources to prepare students for the demands of GCSE exams.
  
  Turn to pages 8–9 for the assessment options included in the Kerboodle Lessons, Resources, and Assessment package

- ...easy-to-use, comprehensive support for non-specialists and NQTs.
  
  Turn to pages 10–11 to see the Teacher’s Handbooks and Workbook Answer Books

- ...pick-up-and-go materials for homework, cover lessons, and independent study.
  
  Turn to page 11 to see the Workbooks
The 4th edition of geog.123 has been updated throughout, and covers all the topics specified in the 2014 KS3 Programme of Study.

1. It’s your planet! (including the geological timescale)  New
2. Maps and mapping
3. About the UK
4. Glaciers  New
5. Rivers (including floods)  New
6. Africa  New
7. In the Horn of Africa  New

1. Using GIS  New
2. Population
3. Urbanisation  New
4. Coasts
5. Weather and climate
6. Our warming planet
7. Asia  New
8. Southwest China  New

Looking for atlases?
geog.atlas is perfect for developing key locational knowledge and an understanding – and enjoyment – of maps. For more details, visit www.oxfordsecondary.co.uk/geography.

Evaluate geog.123 4th edition today

There’s an Evaluation Pack for geog.1, geog.2 and geog.3. Each pack is free for 30 days. To order yours, please complete and return the tear-off slip at the back of this guide.
Earth’s story: it begins with a bang

How Earth began

Once upon a time, long, long ago, there was nothing. The ground we stand on today, the planet we call Earth, was not yet here.

But suddenly, about 5 billion years ago, there was a bang – a powerful explosion. This event, known as the Big Bang, created a vast cloud of gas and dust.

This cloud, called the primordial gas cloud, continued to expand and cool, becoming the universe as we know it today.

It is estimated that the first stars and galaxies formed about 1 billion years after the Big Bang, marking the beginning of the universe as we know it.

The first atoms formed from the energy released during the Big Bang, and these atoms eventually combined to form elements like hydrogen, oxygen, and carbon.

As the universe expanded, these elements collided and formed the building blocks of the universe.

This process, known as nucleosynthesis, is thought to have occurred in the first few minutes after the Big Bang.

These elements then combined to form stars, which eventually exploded and gave birth to new elements that were dispersed throughout the universe.

Around 4.6 billion years ago, the conditions were just right for the formation of planets. The cloud of gas and dust that surrounded the newborn Sun began to collapse under its own gravity.

This collapse led to the formation of a protoplanetary disk, from which the planets and moons of our solar system formed.

One of these planets, Earth, grew to a size where it could retain a atmosphere around itself.

Earth formed from particles and gases that were spiraling around the Sun. These particles collided and formed larger and larger bodies, eventually forming Earth.

As the protoplanetary disk cooled, it formed a variety of objects, including comets, asteroids, and moons.

Earth, like all other planets, evolved over millions of years as it interacted with the Sun and its environment.

The Earth we see today is the result of billions of years of natural selection and evolution.

Meet the River Thames

The Thames is a river in England that flows through London. It is one of the most famous rivers in the world and has played a significant role in the history of the United Kingdom.

The Thames is about 215 miles in length and has its source in the Cotswolds, a range of hills in South Gloucestershire.

The river flows through London, past iconic landmarks such as Westminster Abbey, the Tower of London, and the Houses of Parliament.

The Thames Estuary, where the river meets the North Sea, is one of the most densely populated areas in Europe.

The river has played a vital role in the development of London and the United Kingdom, serving as a major trade route and providing water for the city.

Today, the Thames is a vital part of London’s cultural landscape, with many annual events and attractions centered around the river.

Did you know? and What if? circles catch students’ interest and make great discussion points

Accessible language and a student-friendly approach help all your students to tackle important concepts.

High-quality photos, maps and diagrams on every page.
Asia has a huge range of amazing physical features, from cold windy plains to scorching hot deserts, glaciers, and the world’s highest mountain range. This map shows the main ones. ‘Your turn’ has questions about them.

Clear objectives help students to focus

‘Your turn’ activities on every spread help students to apply their knowledge and skills

Kerboodle Book

The Kerboodle Book is an online version of the Student Book. Teacher access is included as part of the Kerboodle Lessons, Resources, and Assessment package.

You can also choose to buy access for your students. Student access includes a range of tools which let students annotate their book. It can be accessed anywhere, at any time.

Turn to page 6 to find out more about Kerboodle.
Lessons

With **Kerboodle Lessons, Resources, and Assessment**, you’ll have plans and presentations for each lesson at your disposal, including lots of lively material to support your teaching, such as animations, interactive activities, and worksheets. There’s also comprehensive support for assessment: for more details please see pages 8–9.

**Example lesson presentation**

Lesson plans for each presentation are easily accessed and provide ideal support for non-specialists and NQTs.

Creative activity ideas encourage your class to actively explore the topic.

Front-of-class resources are built into many of the presentations for you to use easily.

**Did you know?**

- Kerboodle Lessons, Resources, and Assessment includes teacher access to the relevant Kerboodle Book.
- You can read about the Kerboodle Books on page 4.

**Did you know?**

- Both teachers and students can access Kerboodle online at any time and anywhere.
Resources

Resources include images, animations, interactive activities, and differentiated worksheets – all easy-find and there when you need them.

Everything is designed specifically for the 2014 KS3 Programme of Study and fully integrated into the *geog.123* course, so you can trust it will support your students.

Front-of-class interactive activities, including quizzes, word scrambles and skills workshops, encourage geographical thinking and develop students’ sense of place.

Did you know?

- Kerboodle Lessons Resources, and Assessment includes differentiated worksheets for every lesson

Varied support meets the needs of different learning styles and abilities

Find out more and try sample resources at www.oxfordsecondary.co.uk/geog123kerboodle
Assessment

Whatever your approach to assessment, and however your school measures progress, Kerboodle for geog.123 includes flexible assessment materials that will help you.

Extended assessment tasks
There’s an Extended assessment task for every chapter, ideal for developing geographical thinking. This consists of:
1. a front-of-class presentation (see panel to right)
2. teacher notes
3. the task, for students to complete on paper.
You’ll need a lesson or part of a lesson to brief your students, and the students will need approximately two hours to complete their task. The task is marked by the teacher using descriptors built around Bloom’s Taxonomy – please see What about levels? below.

Exam-style questions
There’s one KS3-appropriate Exam-style question per chapter. This consists of:
1. a front-of-class presentation (see panel to right)
2. teacher notes
3. the question, for students to complete on paper.
You’ll need part of a lesson to brief your students, and up to 20 minutes for the students to write their answers. The question is marked by the teacher using descriptors built around Bloom’s Taxonomy – please see What about levels? below.

What about levels?

The Extended assessment tasks and Exam-style questions have mark schemes that give you three ways of assessing and reporting a student’s achievement – you simply choose which is most appropriate for your school.

The three ways of reporting are:

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<thead>
<tr>
<th>Level 2/3/4</th>
<th>GCSE grade indicator*</th>
<th>Beginning / Developing</th>
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<tr>
<td>Level 7/8</td>
<td>GCSE grade indicator*</td>
<td>Extending</td>
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The assessment criteria used in the mark scheme are based on a revised Bloom’s Taxonomy. The descriptors are specially written for each Extended assessment task and Exam-style question.

*These will be updated to reflect the new 9-1 grading system.
End-of-lesson assessments

There’s an End-of-lesson assessment for every double-page spread in the Student Book. This is a multi-question, multi-screen formative assessment which students complete on-screen. Each assessment should take approximately 30 minutes to complete, and can be done either in class or for homework. The test is auto-marked, with feedback for the student and student outcome given as a percentage in your Kerboodle markbook.

Self-assessment

For every chapter in the Student Book, there’s a Self-assessment. Students complete these on-screen, taking approximately 10 minutes. The forms are auto-marked, with the students’ responses recorded in your markbook.

Kerboodle markbook

Build a complete record of student achievement and progress using the Kerboodle markbook.

Student scores and responses for the End-of-lesson assessments and Self-assessments are automatically recorded in your markbook. You can easily add in results for the Extended assessment tasks and Exam-style questions yourself.
The Teacher’s Handbooks will save you time and effort, with practical, day-to-day support for the Student Books.

- Summarises the ideas covered in the unit, as well as underlying ideas where appropriate
- Starter and plenary ideas help speed up planning
- Includes answers to all the ‘Your turn’ questions in the Student Book
- Outlines the expected outcomes for the unit, which tie in with those for the chapter
- Practical support for every double-page in the Student Book
- Highlights new vocabulary introduced, with definitions available in the glossary
- A breakdown of skills practised helps you identify where students may need extra support
- Outlines the expected outcomes for the unit, which tie in with those for the chapter

Jim Gardner, Dame Allan’s Boys’ School, Newcastle

“Loads of activities to choose from so individual teachers can tailor their lessons to the characteristics of each class.”
A page of fill-in activities to support every unit in the course. The activities focus on building core knowledge, locational knowledge, and skills, while Teacher’s Answer Books speed up marking time.

Perfect for homework, independent study, or cover lessons.

The ‘filled-in’ design of the pages helps you to see answers at a glance.

It’s the best around. You know what quality you are getting.

Paul Corner, Ferryhill Business & Enterprise College
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<thead>
<tr>
<th>Course Level</th>
<th>Student Book</th>
<th>Workbook</th>
<th>Teacher's Handbook</th>
<th>Kerboodle Lessons, Resources and Assessment</th>
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Prices for Kerboodle (both options: Lessons, Resources, and Assessment and the student access to the Kerboodle Book) are for an annual subscription for unlimited users. For full terms and conditions, please visit [www.oxfordspecialSecondary.co.uk/kerboodle-terms](http://www.oxfordspecialSecondary.co.uk/kerboodle-terms).

† Single workbooks are also available. Please call 01536 452620 to order.