Kognity

Assessment Prep with Kognity
IGCSE Geography

What is this guide for?

This guide is designed to help you make the most out of Kognity as a tool to prepare students for success both in formative assessments and IGCSE exam preparation.

How does Kognity help with assessment preparation for IGCSE Geography?

According to John Hattie, Professor of Education and Director of the Melbourne Educational Research Institute at the University of Melbourne, Australia, feedback is an important driver for improving teaching and learning. Formative assessments play a large role in consistent feedback throughout the year as students prepare for their IGCSE exams. Kognity provides efficient tools for immediate feedback to both the student and teacher.

> "
> **"Think of feedback as received, not given."**
>
> John Hattie

For students:

Students can test their problem solving, critical thinking and analytical skills through completing interactives, worked examples, and key terms boxes and receiving immediate feedback on their responses. In addition, at the end of each section, students can complete section questions that are auto-graded, allowing them to receive feedback right away on their progress.

For teachers:

Teachers get immediate feedback on their students' progress through the Questions and Textbook data, located on the insights page. Here, teachers can view a visual representation of student quiz and assignment scores. Teachers can then easily identify those students who need help, which makes intervention fast and efficient.

Below you will find some ways teachers can use Kognity's resources to successfully prepare their students for IGCSE Geography assessment components.

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How does Kognity help with formative assessments?

Revisions Quizzes

Kognity's question assignments can be used as question drills for review at the end of a unit. Teachers can drill students on different topics using multiple choice questions and fill in the blank questions. All question assignments are auto-graded, so students and teachers can immediately receive the results. Teachers can then revise any common mistakes before starting to teach new content.

Exit Tickets

Exit tickets are a great type of formative assessment. At the end of class, students respond to a series of questions pertaining to the lesson to consolidate their knowledge and understanding. At the end of every Geography section are section questions, which teachers can set at the conclusion of the lesson. These questions are auto-graded, so both the students and the teacher get the results immediately.

How does Kognity help with formative assessments?

Notebook and Checklists

Kognity's notebook feature allows students to make their own notes and print out if necessary for consolidation. Students can use the notebook feature when they are performing self-assessment of knowledge and understanding at the end of each chapter with the checklists.

1.1 Population dynamics

Checklist

What you should know

After studying this subtopic, you should be able to:

- Describe and give reasons for the rapid increase in the world's population.
- Show an understanding of over-population and under-population.
- Understand the main causes of a change in population size.
- Give reasons for the contrasting rates of natural population change.
- Describe and evaluate population policies.
- Use information from a case study to describe a country which is over-populated.
- Use information from a case study to describe a country which is under-populated.
- Use information from a case study to describe a country with a high rate of natural population growth.
- Use information from a case study to describe a country with a low rate of population growth (or population decline).

Further guidance

- Causes and consequences of over-population and under-population.
- How birth rate, death rate and migration contribute to the population of a country increasing or declining.
- Impacts of social, economic and other factors (including government policies, HIV/AIDS) on birth and death rates.

Self-Study

To provide students with resources for self-directed active recall study, use strength tests and battles. Students can also use self-assessment checklists before a test or exam to help identify areas of weakness, and keep track of their progress with the strength bar.

| Overview | Book | Notebook | Practice | Assignments |

| Strength test | Exam-style questions | Strength battle |

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Question 1

How do you work out natural population change?

| 1 | Adding the birth rate and death rate together |

| 2 | Subtract the death rate and infant mortality rate from the birth rate |

| 3 | Subtract the birth rate from the death rate |

| 4 | Subtract the death rate from the birth rate |

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How does Kognity help with IGCSE Exam Preparation?

IGCSE Exam Papers

Exam prep is always something students worry about. Kognity is an invaluable tool for these final assessments: students will find that each section in the textbook includes a couple of boxes such as Study Skills and Making connections boxes which have useful tips to keep in mind when taking exams. Each subtopic has a Checklist at the end that recaps all the important ideas. Students can quickly go over these when studying for exams.

> 📌 **Study skills**
>
> Think back to what you learned about population distribution and density in subtopic 1.4. The physical factors that influence where people live across the globe can also influence how much a settlement can grow! This will also be helpful to remember as you study this and the next subtopics.

> 🔗 **Making connections**
>
> You will learn about the cities and their characteristics in subtopic 1.6.

Exam Practice Tasks

Kognity provides exam-style questions and marks schemes that teachers can use in a variety of different ways with their students. For example, teachers can go over a practice paper as a class, write the answer together, and focus on examiner comments.

Exam-style questions

Exam-style questions become available once you have received them in an assignment from your teacher.

- 0. Introduction
- 1. Population and settlement
- 2. The natural environment
- 3. Economic development

The exam-style questions, example answers and mark schemes that appear in this digital textbook were written by the authors. In examinations, the way that marks are awarded may be different.