Kognity

Starting the School Year with Kognity

Topic:	1 Population and Settlement

Lesson:	Ready for Action Lesson Plan		Subject:	IGCSE Geography

What can I use this lesson plan for?

This is a great lesson plan for introducing students to both the Geography curriculum and Kognity's digital book features in the beginning of the school year. As the year progresses, you can use these activities with different topics in the Geography digital book.

◎ Lesson Objectives:

Students will be able to apply Kognity's digital book features to classroom learning in IGCSE Geography.

🕐 Time Allotment:

Recommended time is one hour, however the revision activities provide opportunities for extension.

📋 Materials:

1.1.0 The Big Picture, 1.1.1 World Population Growth, cardboard or paper for poster
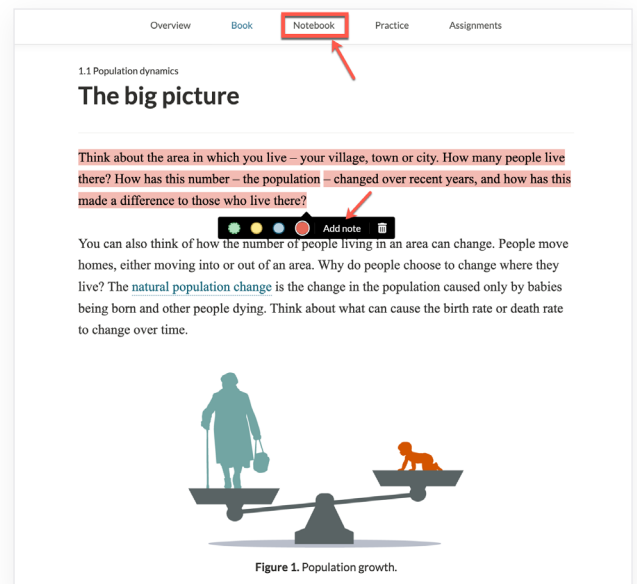
Activities with Kognity

Hook (5-10 minutes)

1. To introduce students to using Kognity in lessons, ask your students to go to Section 1.1.0, *big picture*, and read the first paragraph;

   Think about the area in which you live - your village, town or city. How many people live there? How has this number 0 the population - changed over recent years, and how has this made a difference to those who live there?

2. Ask students to highlight that paragraph and respond to the questions in their **Kognity notebooks.**

3. After students write their responses in their Kognity notebooks, have them share their thoughts with the class (ask for 2-3 volunteers).

Overview   Book   Notebook   Practice   Assignments

1.1 Population dynamics

The big picture

Think about the area in which you live – your village, town or city. How many people live there? How has this number – the population – changed over recent years, and how has this made a difference to those who live there?

Add note

You can also think of how the number of people living in an area can change. People move homes, either moving into or out of an area. Why do people choose to change where they live? The natural population change is the change in the population caused only by babies being born and other people dying. Think about what can cause the birth rate or death rate to change over time.

Figure 1. Population growth.

Introduction Activity (~10 minutes)

With the **overview page** up projected on the board (in person) or through screen share (remote), give a brief introduction of Kognity and the useful features for students, by explaining that:

- The content in each section of the book incorporates features such as v**ideos, external links, study skills boxes,** and **case study sections** to enhance students' learning.
- Each subtopic has a series of **section questions** that allow students to check their knowledge and understanding in small increments.
- The **practice centre** has strength questions for all topics that allow students to check their knowledge and understanding of each topic. As they engage with the **strength test and battles**, their **strength bar** (on the overview page) will increase, allowing them to keep track of their strong content areas and areas they need to work on.
- Teachers can assign readings and questions and can keep track of student progress.

Group Activity (~20 minutes)

1. Based on the Hook Activity, students can now further their introduction to the concept of population by creating a poster on population census. Divide students into groups of three. Tell students that they are creating a population census, and to discuss in their groups the different pieces of information that will be required from each citizen. (for example, age, sex etc.)

2. Each group will explain why the personal details they chose are important for the census.

Independent Activity

Have students complete reading for Section 1.1.0 big picture and section 1.1.1 *World population growth* and answer section questions at the end of each reading.

Note to teachers: the independent activity can also be given as a reading assignment for homework.

Extension Activity

As possible extension tasks for Section 1.1.1, ask students to complete:

- Worked example 1
- Have students watch the video 7 billion: How did we get so big so fast?, and write 3 questions they have after watching video
- Have students complete **Interactives 3 and 4**
- Ask students to do the Activity at the end of Section 1.1.1 on creating a line graph of world population growth.
- Have students go to the practice centre to take the 1.1 Strength test as a formative assessment, or engage in a strength battle with a classmate (These questions encompass all of topic 1).