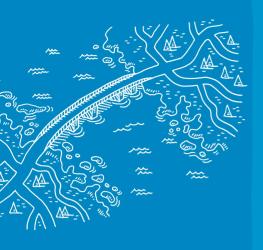




SOCIAL SCIENCE 4

	Course introduction Welcome unit	Page 2 Page 4	
1	How does the Earth change?	Page 6	
2	Why does the weather change?	Page 18	
	Our Project 1	Page 34	
3	How much of the Earth is water?	Page 38	
4	What is made in Spain?	Page 50	
	Our Project 2	Page 66	
5	What are the periods of Prehistory?	Page 68	
6	How did the Iberian Peninsula become Spain?	Page 84	
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Audio scripts		Page 102	
Activity Book answers		Page 107	









WELCOME TO CAMBRIDGE SOCIAL SCIENCE

Cambridge Social Science Second Edition follows the new Primary Social Science curricula with complete coverage of the Science competencies.

- An enquiry-based approach with Big Questions promotes critical thinking around relevant Science topics.
- Hands-on experiments and manual activities engage students with the content in a child-friendly, memorable way.
- Three competency-based projects with posters and assessments encourage pupils to deepen their exploration of new concepts while strengthening their collaboration and presentation skills.
- A new content review section on every spread ensures that students have enough practice with new concepts to effectively consolidate their knowledge.

- English speaking, listening, reading and writing skills are developed while grammar structures presented in Cambridge Primary courses are systematically reinforced.
- Exam vocabulary and practice for Cambridge English Qualifications for young learners are featured in every level:

Level 1: Pre A1 Starters

Level 2: A1 Movers

Level 3: A1 Movers and A2 Flyers

Level 4: A2 Flyers

Level 5: A2 for Schools and B1
Preliminary for Schools

Level 6: B1 Preliminary for Schools

Cambridge Social Science Second Edition has been developed around the key Science competencies stipulated in the new curriculum. For every lesson you teach, the competencies covered by the content are listed on the corresponding Teacher's Book spread. In addition, the three level projects are supported by competency-based assessments.



Sci C1 Digital competency

Use digital devices and resources in a safe, responsible and efficient way.



Sci C4 Competency in self-awareness and empathy

Develop awareness of one's own and others' physical, emotional and social well-being.



Sci C7 Competency in historical awareness

Understand continuity and change in society and culture.



Sci C2 Scientific thinking competency

Use different techniques, instruments and modes of scientific thought to interpret and explain facts and phenomena occurring in their own natural, social



Sci C5 Competency in preservation of natural and cultural heritage

Identify and understand relationships between systems in the natural, social and cultural environment to appreciate the value of cultural and natural heritage and preserve it.



Sci C8 Competency in cultural and social awareness and empathy

Value plurality and respect other cultures to build a more harmonious society that integrates EU values.



Sci C3 Problem-solving competency

Use design projects and computational thinking to cooperatively solve problems in interdisciplinary projects.



Sci C6 Competency in environmental sustainability

Develop awareness of human impact on the environment, including sustainable practices.



Sci C9 Citizenship competency

Recognise democratic values, human and child rights and the principles of the Spanish Constitution and the EU.



Course Components

Pupil's Book with eBook: Each unit includes hands-on experiments, manual activities, mixed-ability assessment and practice of the Cambridge English Qualifications for young learners. There are three competency-based projects per level: each Our Project includes an accompanying Project Poster, Project Worksheet and Project Assessment Grid. Pupils can find their eBook access code on the inside front cover of their Pupil's Book



Activity Book with Digital Pack: Each unit features activities that consolidate the concepts introduced in the Pupil's Book and practise the Cambridge English Qualifications for young learners. Self- or peer-assessments are included on the Activity Book project pages. The Digital Pack access code is on the inside front cover of the Activity Book.



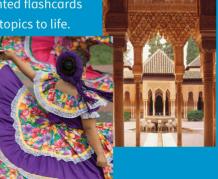
Teacher's Book with Digital Pack:

Teaching ideas are offered at each stage of the lesson and competencies are flagged. Each unit highlights Cambridge English Qualifications vocabulary and practice activities, as well as links to digital components. Teachers can access digital content using a unique code found on the inside front cover of the Teacher's Book.



Flashcards: Full-color printed flashcards (Levels 1–4) bring Science topics to life.

Digital flashcards are available for all levels.



Digital components on Cambridge One platform

The digital components for **Cambridge Social Science Second Edition** are available on our new **Cambridge One** online learning platform.



Presentation Plus: Digital front-of-class presentation with interactive versions of the Pupil's Book and Activity Book and a variety of features to help pupils cement their understanding of key concepts.

- interactive Pupil's Book and Activity Book activities
- documentary videos for every Pupil's Book unit
- animations to support the meaning of core concepts
- digital flashcards
- · class audio with scripts

Test Generator: Features downloadable readymade mixed-ability tests and allows teachers to build their own exams.

Teacher's Resource Bank: Includes teacher training videos; *Our Project* assessment grids, worksheets, posters, and self- and peer-evaluations; revision worksheets; concept maps; letters to parents; and downloadable class audios and videos.

Practice Extra: Teachers can set homework and track each pupil's progress. Provides extra practice in a way that rewards and motivates young learners.

WELCOME UNIT

PAGES 4-5

Objective:

Pupils will become enthusiastic about the study of social science by discussing the images on these pages. They will be encouraged to predict the topics they will study this year and to remember information related to these topics that they have studied in previous years.

Key vocabulary

ancient, anthropologist, ceramic, chimney, climate, environmental engineer, geography, hieroglyphics, hut, meteorologist, museum curator, Neolithic, pollution, Roman, satellite, sedimentary rock, smoke, water



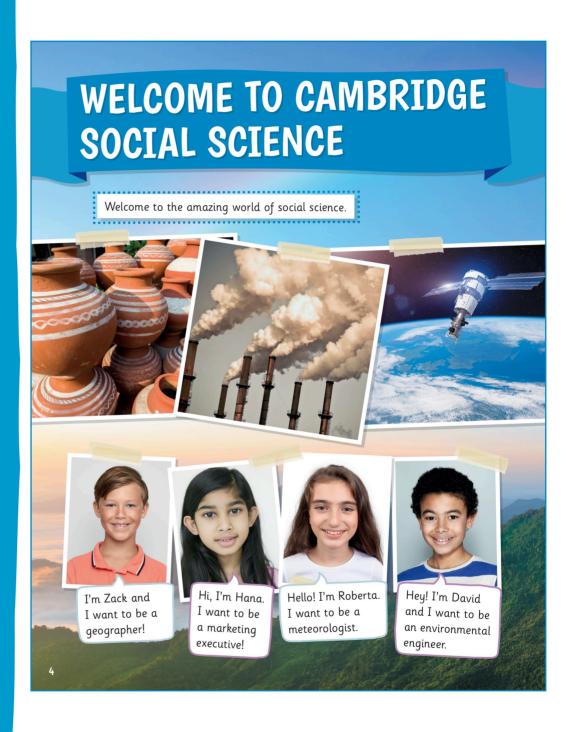


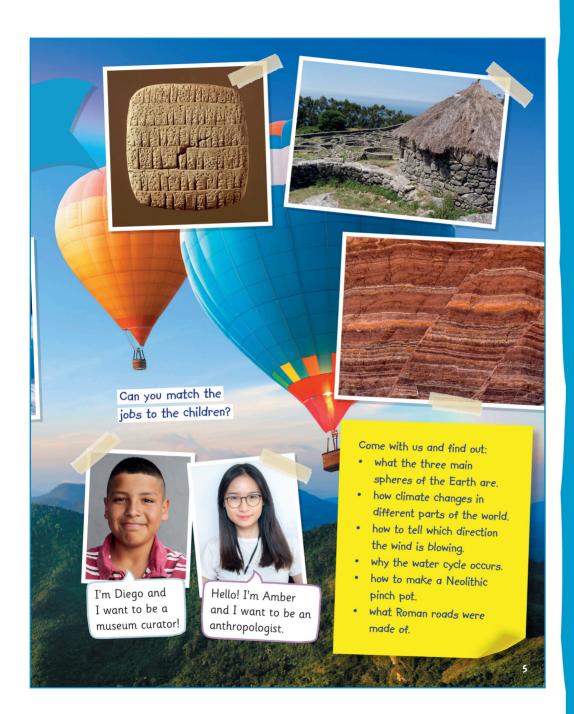




Warm up

Write the following words on the board: geography, geology, meteorology, environment, illustration and Ancient History. Ask pupils questions about the terms, for example: What is meteorology? How can we take care of the environment? Name a civilisation from Ancient History.





Main concepts

- Tell pupils to look at the photos on page 4 and ask: What can you see that is in outer space? What do you think it does? What is coming out of the chimneys? What are the vases made of?
- Tell pupils to look at the photos on page 5 and ask: What is written on the ancient tablet? What kind of housing can you see? What is it made of? What do you think the sedimentary rock can tell us about our planet?

Learn more

Direct pupils' attention to the box on page 5. Work through the list, clarifying any doubts pupils may have in relation to concepts and vocabulary.

Tip

To finish the lesson, ask pupils to work in pairs. Distribute 12 index cards to each pair. Tell pupils to use six of the cards to write the names of the children and the other six to write the professions. Ask them to shuffle the cards and place them face down to play *Memory*.



HOW DOES THE EARTH CHANGE?

Learning objectives

By the end of this unit, your pupils will have achieved a greater understanding of the following concepts:

- the three spheres of the Earth: hydrosphere, geosphere and atmosphere
- seasons in the Northern and Southern Hemispheres
- the two movements of the Earth: rotation and revolution
- natural disasters that happen in the three spheres of the Earth

Competencies

This unit covers the following competencies:

Sci C1: Digital competency



• Sci C2: Scientific thinking competency



Sci C3: Problem-solving competency



Sci C5: Competency in preservation of natural and cultural heritage



• Sci C6: Competency in environmental sustainability



Key vocabulary

Spheres of the Earth: atmosphere, continent, gaseous, geosphere, hydrosphere, liquid, ocean, solar system, solid, suitable

Hemispheres of the Earth: autumn, Northern Hemisphere, seasons, solstice, Southern Hemisphere, spring, summer, winter

Movements of the Earth: angle, axis, revolution, revolve, rotate, rotation

Natural disasters: ash, destruction, droughts, earthquakes, flood, hurricanes, lava, magma, swirl, tectonic plates, tornado, tsunami, violently, volcanic eruption, volcano

Cambridge English Qualifications practice

You will find *A2 Flyers* activity types in the following exercises: Pupil's Book, Page 14, Activity 1 – Listening Part 4 Activity Book, Page 4, Activity 7 – Reading & Writing Part 3 Activity Book, Page 7, Activity 12 – Reading & Writing Part 6





Throughout this unit, you will find the following *A2 Flyers* vocabulary: also, as, autumn, before, begin, believe, century, dark, decide, disappear, during, each, Earth, east, end, ever, explore, far, find out, follow, for, geography, guess, half, hour, if, important, improve, information, just, land, leave, minute, museum, next, north, ocean, other, past, planet, remember, same, search, space, spring, still, summer, take, through, together, use, visit, way, west, will, winter

Digital Resources on Cambridge One

- Song: Round and round
- Video documentary: Rotation and revolution
- Presentation Plus with interactive activities
- Practice Extra with interactive activities
- Test Generator
- Resource Bank:
 - Flashcards: 51-64
 - · Revision worksheets
 - Concept map
 - Letter to parents
 - Practice Extra answer keys

- Oracy talking points worksheet and cue cards
- Programaciones
- Downloadable class audios and videos

Materials needed for Hands on

- small transparent bottle
- funnel
- oil
- sand
- water

Materials needed for other activities

- globe
- satellite images of weather systems
- videos of natural disasters in progress (volcanoes and hurricanes)



UNIT 1 PAGES 6-7

Objective:

Pupils will review vocabulary and concepts relating to natural disasters, and be introduced to concepts relating to the three spheres of the Earth; day and night; and the change of the seasons.

Key vocabulary

autumn, forest fire, physical map, revolution, rotation, season, spring, summer, tsunami, volcanic eruption, winter





Warm up

Test pupils' knowledge of when the seasons begin and end. Call out dates, for example: 28 June, 13 December, etc. and ask pupils to put up their hands if they can name the season.

Main concepts

- Pupils look at the photos and predict what they are going to learn about in this unit.
- Ask pupils the questions on pages 6 and 7. Read the text in the objectives box in the *Pupil's Book* box as a

Forest fire, volcanic eruption and tsunami



A physical map



The revolution of the Earth around the Sun and the tilt of its axis produce the seasons.

Learn more

In preparation for the next lesson on the three spheres of the Earth, review the three states of matter with your pupils.

Tip

the rotation of the Earth

Try to have a globe in class throughout this lesson. It will be useful for explaining the concepts of hemispheres and rotation and revolution.

Song

The song focuses on rotation and revolution and the three spheres of the Earth.

Documentary

The documentary focuses on the rotation and revolution of the Earth.