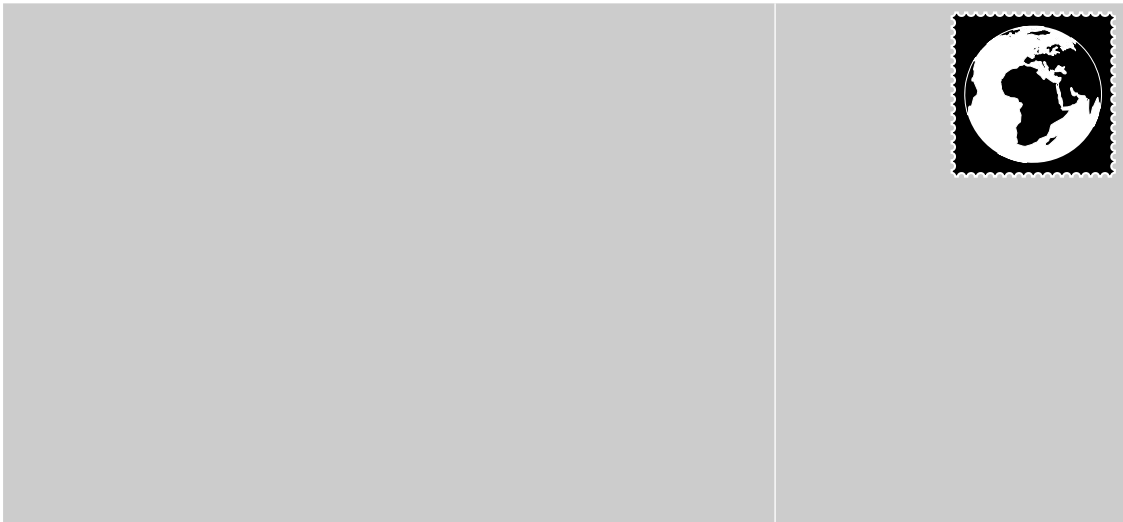


# Contents

|                                                                                                                                             |           |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>I. The Earth as a part of the Universe .....</b>                                                                                         | <b>4</b>  |
| 1. The Earth in the Universe .....                                                                                                          | 4         |
| 2. The shape and size of the Earth .....                                                                                                    | 4         |
| 3. The globe: the model of the Earth.....                                                                                                   | 5         |
| 4. The Earth's movements.....                                                                                                               | 6         |
| 5. Map reading.....                                                                                                                         | 14        |
| <b>II. The Earth as the living environment and the place of human activity .....</b>                                                        | <b>17</b> |
| 1. Geographical space: the Earth's spheres and their interdependencies .....                                                                | 17        |
| 2. The history of the Earth.....                                                                                                            | 18        |
| 3. Structure of the lithosphere .....                                                                                                       | 19        |
| 4. Relief of the Earth: internal and external factors shaping its surface.....                                                              | 20        |
| 5. The atmosphere .....                                                                                                                     | 24        |
| 6. The importance of water in the environment.....                                                                                          | 28        |
| 7. The variety of soils and organic life.....                                                                                               | 29        |
| 8. Natural barriers to the distribution of the Earth's population.....                                                                      | 32        |
| 9. Renewable and non-renewable natural resources .....                                                                                      | 32        |
| <b>III. The human world .....</b>                                                                                                           | <b>32</b> |
| 1. Changes in world population through history .....                                                                                        | 32        |
| 2. Factors influencing population growth.....                                                                                               | 32        |
| 3. Human migration .....                                                                                                                    | 35        |
| 4. World population diversity .....                                                                                                         | 36        |
| 5. Urban and rural settlement .....                                                                                                         | 38        |
| <b>IV. Managing natural resources .....</b>                                                                                                 | <b>40</b> |
| 1. Land use patterns .....                                                                                                                  | 40        |
| 2. Farming: the world's main agricultural regions.....                                                                                      | 40        |
| 3. Industry: the world's main industrial regions .....                                                                                      | 42        |
| 4. Services for the socio-economic development of countries .....                                                                           | 44        |
| 5. Indicators of the socio-economic development of countries.....                                                                           | 45        |
| <b>V. The contemporary landscape of the world as a result of the interaction<br/>    of the natural environment and human activity.....</b> | <b>46</b> |
| <b>VI. The contemporary economic, social and political changes in the continents<br/>    and in selected countries.....</b>                 | <b>47</b> |
| 1. Africa .....                                                                                                                             | 47        |
| 2. South America.....                                                                                                                       | 53        |
| 3. North America .....                                                                                                                      | 55        |
| 4. Asia.....                                                                                                                                | 59        |
| 5. The Pacific Islands (Oceania).....                                                                                                       | 65        |
| 6. Polar regions.....                                                                                                                       | 68        |
| <b>Dictionary .....</b>                                                                                                                     | <b>69</b> |

1. The Earth in the Universe

2. The shape and size of the Earth



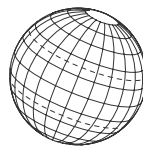
|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

### TASK 1

New planets have recently been discovered outside the Solar System. Imagine one of them is inhabited by an alien civilisation. You decide to send them a message with the information about the Earth.

- On the right-hand side of the postcard write information about the location of our planet as if it was its address in the Universe.
- Use the coursebook to complete the left-hand side of the postcard with the features of the Earth which make it different from the other planets.

The factors which make the Earth different



.....

.....

.....

..... the galaxy .....

..... the nearest star .....

..... the neighbouring planets .....

..... & .....

..... the natural satellite .....

.....

- Consider the following description of the planets in the Solar System, identify them and write their names in the space provided:

At present there are doubts whether it is a planet at all .....

It is surrounded by 23 dust-gaseous rings .....

It is called the Red Planet .....

It is the biggest planet in the Solar System .....

It has dense atmosphere and is the hottest planet in the Solar System .....

It revolves around the Sun in the shortest time .....

It looks like a blue-coloured gas sphere .....

It is the furthest planet (excluding Pluto) .....

- While looking at the starry and cloudless sky, you and your friends notice a sudden flash. It moves along a straight line and disappears in no time. 'Oh! A *falling star*', shouts one of your friends. Do you agree? How would you explain what you have just observed?

|                                                                                |    |
|--------------------------------------------------------------------------------|----|
| 1. The Earth in the Universe .....                                             | 4  |
| 2. The shape and size of the Earth .....                                       | 4  |
| 3. The globe: the model of the Earth.....                                      | 5  |
| 4. The Earth's movements.....                                                  | 6  |
| 5. Map reading.....                                                            | 14 |
|                                                                                |    |
| 1. Geographical space: the Earth's spheres and their interdependencies .....   | 17 |
| 2. The history of the Earth.....                                               | 18 |
| 3. Structure of the lithosphere .....                                          | 19 |
| 4. Relief of the Earth: internal and external factors shaping its surface..... | 20 |
| 5. The atmosphere .....                                                        | 24 |
| 6. The importance of water in the environment.....                             | 28 |
| 7. The variety of soils and organic life.....                                  | 29 |
| 8. Natural barriers to the distribution of the Earth's population.....         | 32 |
| 9. Renewable and non-renewable natural resources .....                         | 32 |
|                                                                                |    |
| 1. Changes in world population through history .....                           | 32 |
| 2. Factors influencing population growth.....                                  | 32 |
| 3. Human migration .....                                                       | 35 |
| 4. World population diversity .....                                            | 36 |
| 5. Urban and rural settlement .....                                            | 38 |
|                                                                                |    |
| 1. Land use patterns .....                                                     | 40 |
| 2. Farming: the world's main agricultural regions.....                         | 40 |
| 3. Industry: the world's main industrial regions .....                         | 42 |
| 4. Services for the socio-economic development of countries .....              | 44 |
| 5. Indicators of the socio-economic development of countries.....              | 45 |
|                                                                                |    |
| 1. Africa .....                                                                | 47 |
| 2. South America.....                                                          | 53 |
| 3. North America .....                                                         | 55 |
| 4. Asia.....                                                                   | 59 |
| 5. The Pacific Islands (Oceania).....                                          | 65 |
| 6. Polar regions.....                                                          | 68 |

