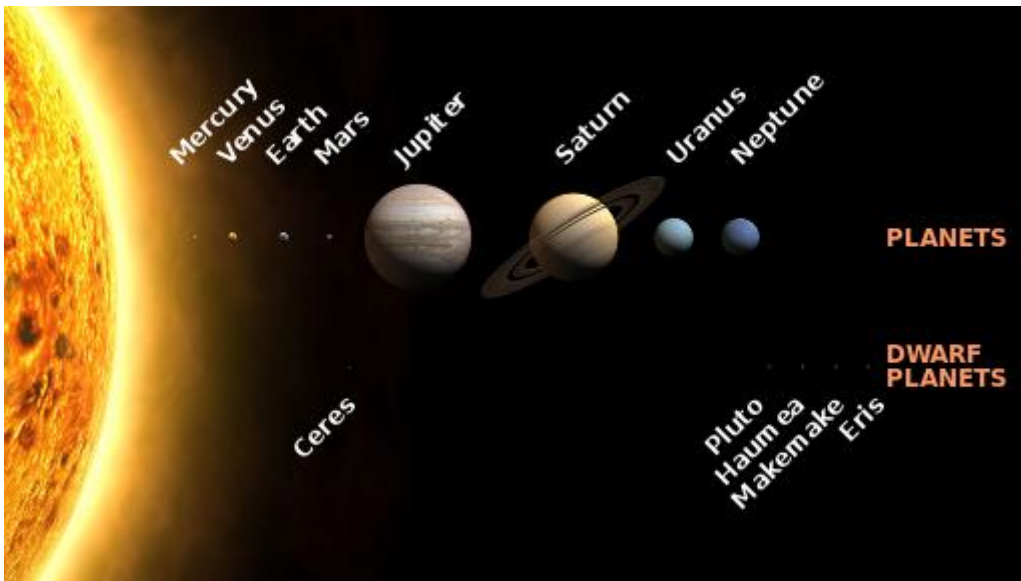


The Earth in the Solar system**I. Our Planet****1. Reading:**

There are eight planets in the Solar System. These planets orbit the Sun. The **Earth** is the third planet in the Solar System. It revolves around the Sun and takes 365 days and six hours to complete its orbit. The Moon is the Earth's satellite and it revolves around the Earth. The shape of the Earth is like a sphere.

a) Which planets of the Solar system do you know? Write in English.

b) Why do we have 365 days in a year?

c) What movements do planets do? What about the Moon?

d) What is the shape of the Earth?



2. Language analysis: What is missing before the names of the planets? Fill in below:

___ Earth

___ Moon

___ Sun

Match these words with their explanations:

1. to revolve

a) to move in a circular orbit around something

2. to complete

b) the process of turning a body around its centre or its axis

3. a rotation

c) to bring to a finish or an end

II. The Layers of the Earth

1. Reading:

There are three outer layers of the Earth – we call them „spheres“.

The lithosphere is the solid surface of the Earth. Continents and the areas on the sea beds form the lithosphere. We live on the lithosphere.

The oceans, seas, rivers and lakes form the hydrosphere. This layer of water covers three quarters of the surface of the Earth.

The atmosphere is a layer of gases and it surrounds the Earth.



2. Characterize, fill in either in Czech or English.

Litosféra je _____

Hydrosféra je _____

Atmosféra je _____

3. Jak se z hlediska těchto vrstev liší ostatní planety od Země?

4. Uved' vždy tři nejrozšířenější prvky v jednotlivých sférách Země (česky i anglicky):

litosféra: _____

hydrosféra: _____

atmosféra: _____

5. Srovnej magnetické a gravitační pole Země z hlediska působení na tělesa.

podobnosti: _____

rozdíly: _____

6. Kde leží severní magnetický pól Země a kde její jižní magnetický pól?

severní: _____

jižní: _____

III. The Movements of the Earth

1. Do you know these English words?

full circle _____ heat _____ part _____

result _____ receive _____ movement _____

2. Write three true sentences using the words given.

movement _____

same _____

outer _____

3. The Movements of the Earth

Rotation and revolution are the movements of the Earth.

The Earth turns on its own axis. The name of this movement is rotation. The Earth completes a full circle in 24 hours. The Earth's rotation creates day and night. It's day on that part of the Earth facing the Sun and it's night on the opposite side of the Earth.

The Earth orbits the Sun. This movement is called revolution. As a result of the revolution, there are four seasons: spring, summer, autumn and winter. When one part of the Earth receives a lot of heat and light from the Sun, it's summer. At the same time, in another part of the Earth, the light and the heat of the Sun aren't so intense and it's winter.

