

UNIT 7

EARTH, SUN AND MOON

ACTIVITIES

1.- Tick the sentences with True (T) or False (F) and correct the false ones.

- 1. The movements of the Earth are rotation and translation. _____
.....
- 2. Thanks to the Earth’s revolution, we have days and nights. _____
.....
- 3. The tilt of the axis determines the length of days and nights. _____
.....
- 4. Rotation of the Earth is anticlockwise. _____
.....
- 5. We can see the sunrise in the West and the sunset in the East. _____
.....

2.- Match the lunar phase in first column to the description in the second.


- | | |
|------------------|----------------------------------|
| 1. First quarter | a. We cannot see the moon |
| 2. Last quarter | b. We see half of the moon |
| 3. Full moon | c. We see the moon as letter “C” |
| 4. New moon | d. We see the complete moon |

3. Complete the sentences.

- a. There are two movements that affect the Earth:
- b. The Earth’s axis of rotation is 23,5 º.
- c. Revolution causes the of the year.
- d. It is summer in northern hemisphere but winter in
- e. We cannot see the sun during a eclipse.

4.- Choose the correct answer.

- a. In summer, the sun rays hit Earth at *direct / acute* angle.
- b. The northern and southern hemispheres have the *same / opposite* seasons in the same month.
- c. It is spring in Britain when it is *spring / autumn* in Spain.
- d. *Equinoxes / Solstices* occur when the day has the same duration as the night.

5.-  Listen and repeat. Around what date does each season start?

6.-  Listen and choose the correct phase of the Moon the speaker is describing.

- a. full/new b. new/full c. last quarter/first quarter d. last quarter/first quarter

7.- Choose the correct answer.

1. Earth makes a(n) orbit around the sun.
a. circular b. square c. elliptical
2. Spain is in
a. the southern hemisphere
b. the northern hemisphere c. both hemispheres
3. Earth takes to spin around once.
a. one month b. one day c. one year
4. Earth's seasons are caused by
a. the tilt of the Earth's axis
b. the differences of the distance from the sun c. the moon
5. Earth's movement around the sun is called
a. season b. rotation c. revolution
6. We see the whole moon during the phase.
a. new moon b. full moon c. half moon
7. We can't see the moon during the phase.
a. new moon b. full moon c. half moon
8. When the moon is between the sun and Earth, there is a(n)
a. lunar eclipse b. solar eclipse c. Earth eclipse
9. When Earth is between the sun and the moon, there is a(n)
a. lunar eclipse b. solar eclipse c. Earth eclipse

8.-  Complete the text with the words from the box. Listen and check.

spring summer summer autumn
winter winter winter

The seasons

In _____ both hemispheres receive the same amount of sunlight, so day and night are about the same length (12 hours). In _____ there are more hours of daylight per day in the northern hemisphere, while the southern hemisphere has fewer hours of sun and _____ begins. In _____ the southern hemisphere has more light and _____ begins, but in the northern hemisphere the number of daylight hours decreases and _____ begins. At the North Pole in _____ it is dark for about six months, but the South Pole has six months of sun.