

**Colegio Victoria de Occidente**  
**4th Grade Science**  
**Earth and Energy**

**1. How many movements does the Earth have? Circle their names.**

- a. 2: revolution and rotation    b. 4: spring, summer, winter, and fall.  
c. 2: Axis and seasons    d. 3: axis, rotation, and seasons

**2. Complete the sentences with the options.**

a. Earth's \_\_\_\_\_ is an imaginary line that runs between the north pole and the south pole.

- a) Rotation    b) revolution    c) axis    d) moon

b. \_\_\_\_\_ happens every 24 hours. It creates day and \_\_\_\_\_.

- a) Revolution; night    b) rotation; night    c) day; night    d) axis; night

c. \_\_\_\_\_ is the movement around the sun, it lasts \_\_\_\_\_ days.

- a) rotation; 2    b) seasons; 4    c) revolution; 8    d) revolution; 365

d. Revolution creates the \_\_\_\_\_: spring, \_\_\_\_\_, \_\_\_\_\_ and winter.

- a) seasons: summer, fall    b) seasons: fall, autumn    c) seasons; summer, night.

**3. What are some characteristics of the moon? Write 4**

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**4. Match the moon phases with the correct names.**



New moon

First quarter

Last quarter

Full moon

5. What is energy?

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6. What are some types of energy in your house? Write 4 types of energy.

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7. What type of energy do they have? Write the name



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8. What is stored energy? Write a definition and 2 examples.

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9. What is kinetic energy? Circle the correct answer

- a. It is same as potential energy.
- b. It is energy of motion or movement.
- c. It is energy obtained from the sun.
- d. It is energy created with light or heat.