London Gates Education Group
International Education Centre

**SCIENCE** **NAME_____**

**TEACHER: SOFIA** **GROUP___F1_____**

## LESSON 8. CHEMISTRY AND ECOLOGY

## HOMEWORK

1. Multiple choice questions

**1. Choose the <u>WRONG</u> statement about polymers:**

A. most polymers are non-biodegradable
B. simple combustion of polymers releases toxic gases
C. recycling of polymers saves crude oil
D. nowadays polymers are not widely used

**2. Which of the following are greenhouse gases?**

*Water vapor, oxygen, carbon dioxide, methane*

A. carbon dioxide only
B. water vapor and carbon dioxide
C. water vapor, methane and carbon dioxide
D. all these gases are greenhouse gases

**3. Ozone layer in the upper layers of atmosphere**

A. protects the Earth from deadly UV radiation
B. absorbs heat energy, warming the Earth
C. causes acid rains
D. reflects heat from the Sun, cooling the Earth

**4. Why the oil spills are so dangerous for sea/ocean inhabitants?**

A. oil is toxic for most animals and plants
B. oil layer is impermeable for oxygen
C. oil absorbs solar radiation needed for photosynthesis
D. all of the above

2. Match the ecological problem with the harm it causes

| | Problem | | Consequence |
|---|---|---|---|
| **A** | Acid rain | | Kills ocean animals and plants |
| **B** | Greenhouse effect | | Destroys metal constructions |
| **C** | Oil spills | | Damages trees and buildings |
| **D** | Corrosion | | Increases Earth's temperature |

LIVEWORKSHEETS