UNITED ARAB EMIRATES
MINISTRY OF EDUCATION

الإمارات العربية المتحدة
وزارة التربية والتعليم

Khalifa City A School - Cycle 1

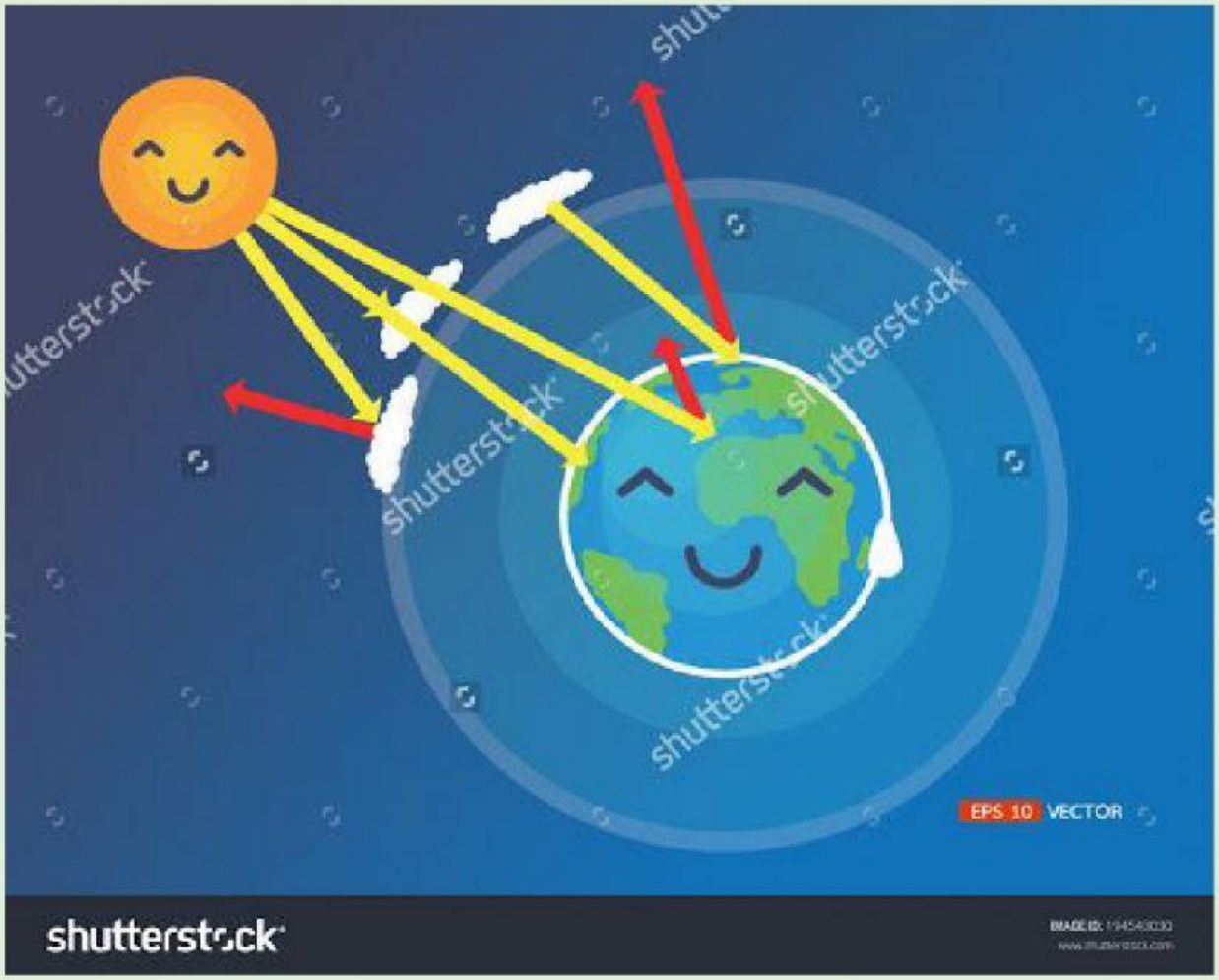
مدرسة مدينة خليفة أ /حلقة أولى

SCIENCE

CHAPTER 9-WEATHER AND CLIMATE

LESSON 1- AIR AND WEATHER

PART 1



Created by- Nisha Tanwar

LIVEWORKSHEETS

WHAT IS IN THE AIR?

- The atmosphere is a blanket of air that surround Earth
- The atmosphere is made up of gases -Oxygen and nitrogen
- The atmosphere allows living things to survive on Earth
- The air in Earth's atmosphere is made up of approximately 78 percent nitrogen and 21 percent oxygen.
- Air also has small amounts of lots of other gases, too, such as carbon dioxide, neon, and hydrogen

WATCH VIDEO ABOUT COMPOSITION OF AIR

LIVEWORKSHEETS

LAYERS OF ATMOSPHERE

Four layers of atmosphere→

- ❖ TROPOSPHERE
- ❖ STRATOSPHERE
- ❖ MESOSPHERE
- ❖ THERMOSPHERE

TROPOSPHERE→

- ✓ It is the layer closest to Earth's surface
- ✓ The troposphere is very thin.
- ✓ The troposphere is also where all of Earth's weather takes place.
- ✓ Here the air is always on the move.
- ✓ Air that moves from place to place is called wind. Wind can be as gentle as a light breeze.

FOUR LAYERS OF ATMOSPHERE

LIVEWORKSHEETS

CODE TO REMEMEBER LAYERS OF ATMOSPHERE

PRACTICE QUESTIONS:

1. Which layer of the atmosphere is thickest?

_____

_____

_____

TYPE YOUR ANSWER

2.

Summarize What gases make up Earth's atmosphere?

Earth's Atmosphere

LIVEWORKSHEETS

3.

Test Prep In which layer of the atmosphere do we experience weather?

A thermosphere
B mesosphere
C stratosphere
D troposphere

4.

In which layer of the atmosphere do organisms live?

A thermosphere
B mesosphere
C stratosphere
D troposphere

5. Blanket of air surrounding the earth is called_____

LIVEWORKSHEETS