LICEO ALBONOR BILINGUAL EDUCATIONAL UNIT

SCIENCE 2ND PARTIAL 2ND QUIMESTER TEST

PERIOD 2021-2022

STUDENT'S NAME: _____

GRADE: _____

TEACHER: Mrs. Lourdes Velez

DATE: _____

RECOMMENDATIONS

1. The online evaluation lasts 40 minutes.
2. Read carefully each statement contained in the online assessment
3. Avoid any attempt of academic dishonesty, in case of incurring in it, it will be sanctioned according to the LOEI articles 223 - 226.
4. During the test, if you have questions, write them in the Zoom chat so that the teacher can help you. Do not activate your microphone during the online assessment.
5. Upload the procedures requested in the assessment in the assignment provided on the Idukay platform.
6. Be clear and specific when writing your answers.

Good luck!

1.- LABEL THE PICTURES ABOUT HOW DOES WATER MOVE THROUGH THE ENVIRONMENT. (2 MARKS)

moisture - air pressure - thermometer - snow









LIVEWORKSHEETS

2.- SELECT TWO OPTIONS WHERE THE FACTORS OF THE WEATHER PRESENTED ON THE PICTURES HAVE IN COMMON. (2 MARKS)



sleet



snowflake



hail

A) They all show types of precipitations.

B) They all occur at high temperatures.

C) They all show types of frozen or semi-frozen Water.

D) They all occur in dry conditions.

3.- READ AND SELECT TRUE OR FALSE. (2 MARKS)

Weather

You probably know that a thermometer measure air temperature. But it takes more than a temperature reading to describe the weather. Weather is the state of the atmosphere, including its temperature, wind speed and direction, air pressure, moisture, amount of rain or snow, and other factors. Scientists called meteorologists study and predict weather.

Meteorologists collect data using many tools to describe the current weather and to predict future weather. Weather observation stations collect almost all of the data automatically.

Predicting the weather is very important for planning all sorts of activities, including farming, fishing, and outdoor concerts.

1.- Weather is the temperature reading outside. TRUE FALSE

2.- Meteorologists are scientists who predict the weather. TRUE FALSE

3.- Meteorologists collect data manually in outside areas using tools. TRUE FALSE

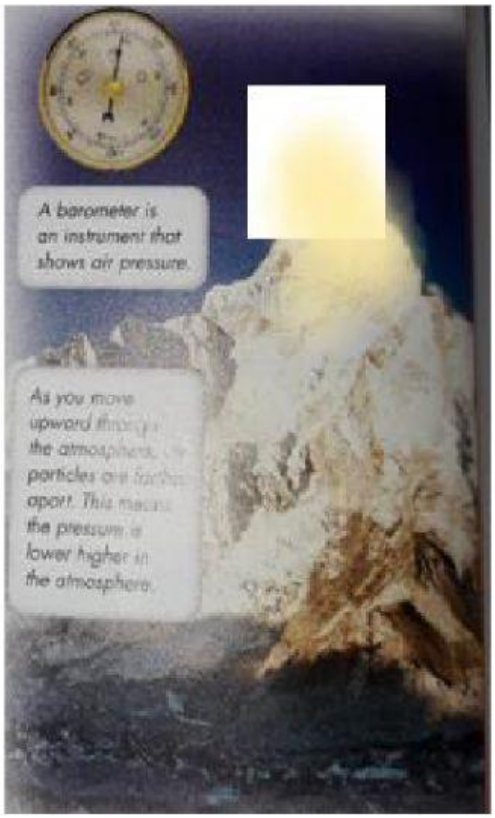
4.- It is important for agricultural workers to know weather predictions. TRUE FALSE

LIVEWORKSHEETS

4.- READ AND COMPLETE USING THE CORRECT WORDS ABOUT BAROMETRIC PRESSURE. **(2 MARKS)**

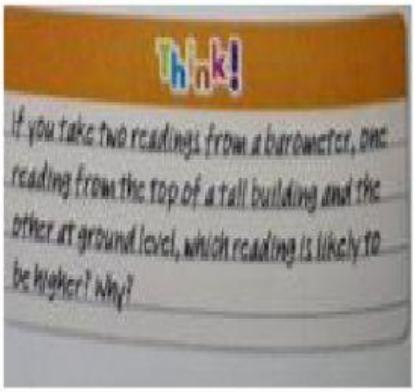
water vapor - barometric pressure - atmosphere - nitrogen

Barometric Pressure



When you look up on a clear day, you see a blue sky. You are really looking through 9,600 km (about 6,000 mi) of air. The blanket of air that surrounds Earth is its _____. Like other matter, air has mass and takes up space.

Air is made up of a mixture of invisible gases. Over ¾ of Earth's atmosphere is_____. Most of the rest is oxygen, but small amounts of carbon dioxide gas are also present. The part of the atmosphere closest to Earth's surface contains water vapor. The amount of _____depends on time and place. For example, air over the ocean or a forest has more water vapor than air over a desert.



Gravity pulls the mass of the air in the atmosphere toward Earth's surface. The pushing force of the atmosphere is called _____. Air pushes with equal force in all directions. Many kilograms of gas are pressing down on your school building.

They do not crush it because the air inside the building exerts pressure, too. Air pushing down is balanced by air pushing up and sideways. Air pressure decreases as you go higher in the atmosphere.

LIVEWORKSHEETS

5.- READ WHAT A JET STREAM IS AND WHAT HAPPENS IN CANADA IN THE SUMMER. THEN CIRCLE THE CORRECT ANSWERS. (2 MARKS)

Wind is air movement caused by differences in pressure. In general, air moves from areas of high pressure to areas of low pressure. When you let air out of a balloon, air rushes from inside the balloon where pressure is higher to where pressure is lower outside the balloon.

Wind speed and direction affect weather. Jet streams can affect local weather. A jet streams is a narrow band of high-speed wind. A polar jet stream blows from west to east high in the atmosphere over North America. in the winter, it can take cold air from the north as for south as Kentucky. In the summer, it takes warmer air north into Canada.

A wind is named based on the direction from which, it blows. A north wind comes from

The north and moves toward the south.

A) A jet stream blows from west to east?

B) Cold air blows in from the south.

C) A jet stream blows warm air from the south.

D)Warm air blows from Canada to Kentucky.

LIVEWORKSHEETS