

NAME: _____

SECTION: _____

COMMON ATMOSPHERIC PHENOMENA

BREEZE

- the air caused by the differential heating and cooling of land and sea
- there are two types of breeze
 - Sea breeze
 - Land breeze

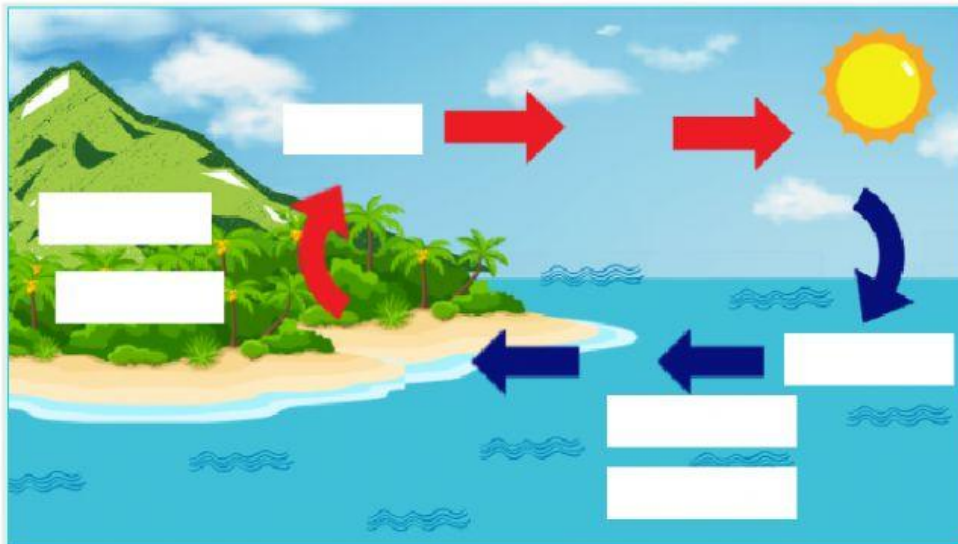


PREVAILING WINDS

- Winds that blow consistently in a given direction over a particular region on earth.
- can be:
 - Northeast Trade Winds (Easterlies)
 - Northeast Monsoon
 - Southwest Monsoon



Directions: Complete the diagram below by placing the correct label in each white box.



warm air

cool air

high pressure

low pressure

cooler area

warmer area



warm air

cool air

high pressure

low pressure

cooler area

warmer area

Illustration by: Carissa G. Jacinto

COMMON ATMOSPHERIC PHENOMENA

Directions: Answer the following questions in column A by matching it with the correct answers on column B

A

What happens to the air in the surroundings as warm air rises?

What is an Intertropical Convergence Zone (ITCZ)?

What happens when air warms up

What is a sea breeze?

What is a land breeze?

B

Warm air tends to move up or rises

a region characterized by a belt of clouds encircling the Earth near the equator

the wind that flows from the body of water toward or onto a landmass during the day

wind that flows from the land onto a body of water that happens at night

The air within the surroundings will then move toward the place where warm air is rising