Apr. 12-16 Station 6: Explain Currents

Directions: Log on to Mosa Mack and watch the Oceans and Currents video. Then, come back to this page to answer the video questions. Once you have answered each question complete the vocab activity then press "Finish"

Part 1: Video Questions

Floating gnomes moved across the ocean from one location to the other due to:

A. Landmasses
B. Cargo ships pushing the gnomes
C. Ocean currents
D. Evaporation

Which of the following accurately describes the direction of warm ocean currents?

A. Equator-to-pole
B. Pole-to-equator
C. Pole-to-pole

Density of ocean water is affected by which of the following?

A. Amount of salt in the water
B. Temperature of the water
C. Wind patterns over the water
D. Both A and B

If a ball was thrown from the North Pole to the equator, it would not travel in a straight line. This is because:

A. The earth rotates faster at the equator than at the poles
B. The earth rotates faster at the poles than at the equator
C. The earth does not rotate at all
D. The ball would hit into a landmass and change direction once thrown

All of the following can affect ocean currents except:

A. Wind
B. Landmasses
C. Rotation of the earth
D. Buoyancy

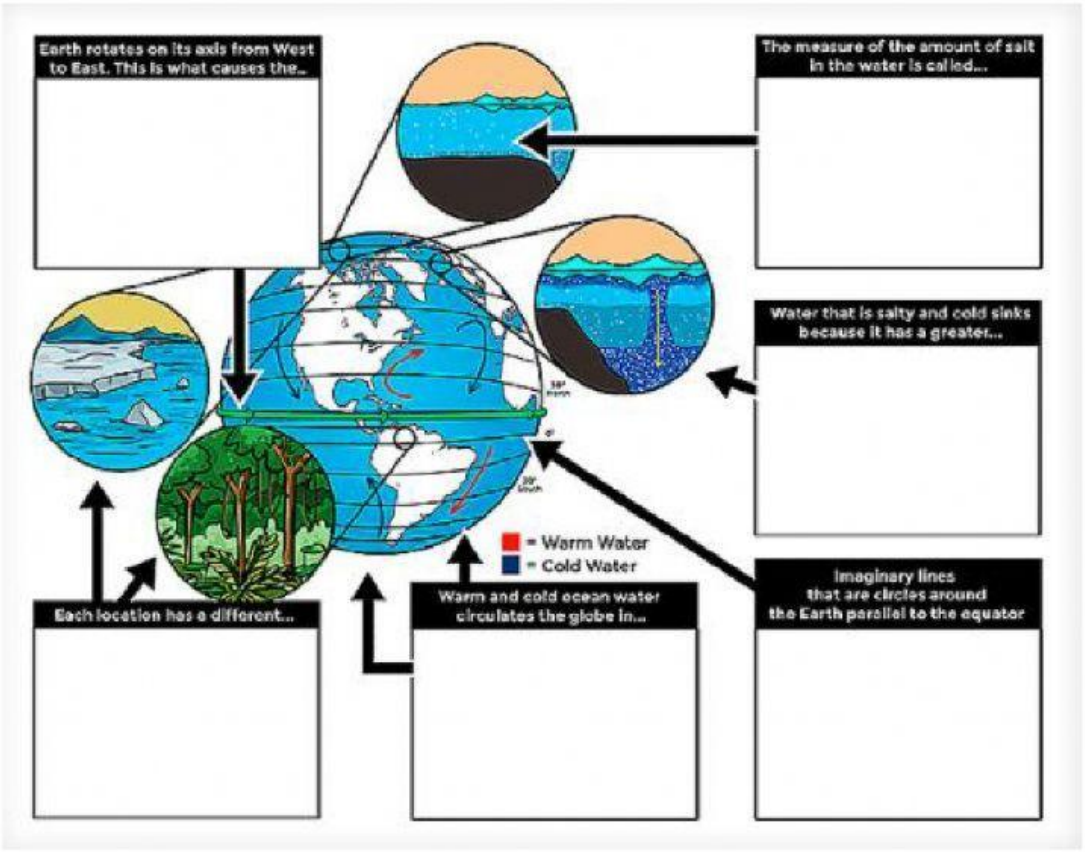
LIVEWORKSHEETS

Part 2: Vocabulary 1

SALINITY	A measure of the amount of particles in a given space
CLIMATE	The amount of dissolved salt in water
LATITUDE	A distance of a place north or south of the equator
CORIOLIS EFFECT	An effect due to the rotation of the earth that causes a shift in the movement of surface wind
DENSITY	Weather conditions in a region over an extended period of time
OCEAN CURRENT	The movement of seawater in a particular direction

LIVEWORKSHEETS

Part 3: Vocabulary 2



OCEAN CURRENT

The movement of seawater in a particular direction

DENSITY

A measure of the amount of particles in a given space

CORIOLIS EFFECT

An effect due to the rotation of the earth that causes a shift in the

SALINITY

The amount of dissolved salt in water

CLIMATE

Weather conditions in a region over an extended period of time

LATITUDE

A distance of a place north or south of the equator

LIVEWORKSHEETS