

Evaluate: Global Connections

Level 2 Task (Optional Alternative to SE p.45, Figure 18)

	Location	What the water (H ₂ O) molecule does...	Does the water molecule gain or give up energy/heat?	Name of current or wind taking H ₂ O molecule to next location
A	Gulf of Guinea			
B	Rio de Janiero			
C	Galápagos Islands			
D	Philippines			
E	Hawaii			
F	Los Angeles			

Optional Copymaster

Evaluate: Global Connections---Answer Key

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	Location	What the water (H₂O) molecule does...	Does the water molecule gain or give up energy/heat?	Name of current or wind taking H₂O molecule to next location
A	Gulf of Guinea	<i>Evaporates from ocean</i>	<i>The molecule gains energy/heat during evaporation.</i>	<i>Equatorial winds from east-to-west</i>
B	Rio de Janiero	<i>Condenses and rains</i>	<i>The molecule loses energy/heat during condensation.</i>	<i>Brazil Current to West Wind Drift to Peru Current</i>
C	Galápagos Islands	<i>Evaporates from ocean</i>	<i>The molecule gains energy/heat during evaporation.</i>	<i>Equatorial winds to Philippines</i>
D	Philippines	<i>Condenses and rains</i>	<i>The molecule loses energy/heat during condensation.</i>	<i>Japan Current (Kuroshio C.) to Hawaii</i>
E	Hawaii	Evaporates from ocean	The molecule gains energy/heat during evaporation.	Air flow to Los Angeles
F	Los Angeles	Condenses and rains	The molecule loses energy/heat during condensation.	

Optional Copymaster