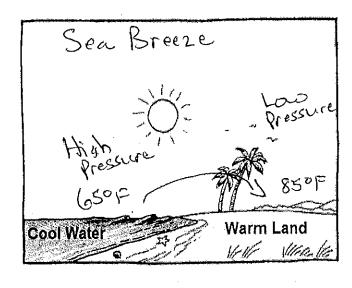
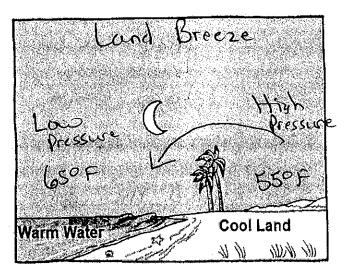
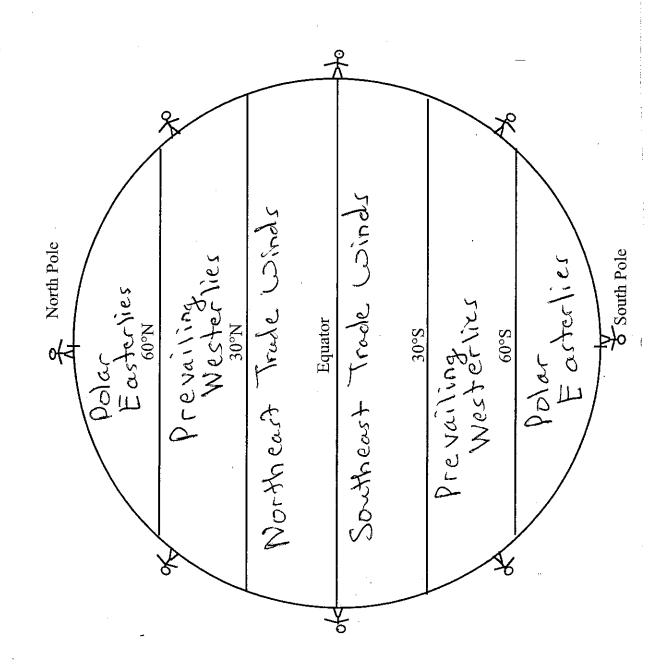
Wind Movement Notes	Name	Date	_ Period			
1. Explain why there is uneven heating on the l		₹	2 15 2 cowing the			
2. The uneven heating of land forms	d systems. S	17 25 Es	hit the earth erent angles.			
3. What causes wind? <u>Olifferences in air pressure</u>						
Density Ancreases Pressure Ancreases Temperature Clecreases	Temperature Aptroxes Density Actroxes Pressure Actroxes					
	75	•				
5. Fill in the information in the diagrams below	for temperature, density,	and pressu	re. Draw			
an arrow to represent the direction in which the that direction? Areas of high per pressure. Pressure. Temperature Lower Density Lower Pressure	wind would blow. Why we rescure move to the company of the company	O Cireas	0 1			
6. Describe which areas of the earth's surface have air that is low pressure (low density). Why does the air in this area have low pressure (low density)? <u>Caucher because the</u>						
Sun striker the earth directly.						
7. Describe which areas of the earth's surface have air that is high pressure (high density).						
Why does the air in this area have high pressure (high density)? Poles because the						
Sun Striker the earth at a low argle causing lower						
temperatures.	•	· ·				

•						
Wind Movement Notes	Name		_ Date	Period		
Differences in		und and air mass	ıomont			
8. <u>Cleasing</u> and <u>air pressu</u>	<u>ردو</u> cause wii	nd and air mov	rement.	-		
9. What is a convection current? The transcribe an example of a convection cu	rrent Ball	heat by	the cir	culation of the		
10. Describe an example of a convection of	1,011 1,1911	Wa Charles	77	. \		
water comes to the top and then sinks as it cools						
11. How does air move in a convection current? Lown wir nices i cool air sinks						
12. Large convection currents are formed because of the temperature.						
This produces	global	wind si	<u>je teme</u>	 ,		
13. How does the rotation of the Earth affect	t winds? てト	ne COVIE	ルッド たん	teet causes		
in the seathern hemisphere. 14. The flow of air caused by unequal.	in the M	withour ho	micahere	and to the left		
14. The now of all caused by <u>consequent</u>	rearing or	Langer and t	.πο <u>τ φταν</u>	NON OF THE		
Earth creates distinct wind f	utterns	on the Earth	n's surface	isials		
·		LENGTH		actualise		
15. Draw arrows in the diagram illustrating h	low	1777	/ A	MI TRUCK CONTON		
the rotation of the Earth affects global wind	patterns.	14/11/11	IM Ju	ortheart trade winds		
		WAYNET	F 5	outheast trade		
		レイイン	λ	esterlies.		
		KAK	s on	nti trude winds		
C		Pu	Slar win	λ		
16. (I) bal wind sychem determine t						
entire planet. Smaller wind system	affect loca	1 weather	Two s	such wind		
systems are Sea breezes and lan	d breezes	<u>s</u> .				
-						
17. Label and draw the following in the diagrams below: sea breeze, land breeze, high						
pressure, low pressure, arrows showing the	direction of t	he wind.		**		







Polar Easterlies

Blows cold air away from the poles. They are found between 60 degrees and 90 degrees latitude. They blow east to west.

Prevailing Westerlies

They blow from west to east between 30 degrees and 60 degrees latitude.

Sea Breeze

Blows from the cool water to the warm land.

Land Breeze

Blows from the cool land to the warm water.

Coriolis Effect

Causes winds to curve to the right in the Northern Hemisphere and the left in the Southern Hemisphere.

Trade Winds

Winds that blow from east to west from 30 degrees to 0 degrees latitude. They blow from the horse latitudes to the equator.