ene	ray transfer be	tween two parts of a	of
different tempera	tures.		01
When		_ rise and	sink.
Occurs in			
Earth's Mantle			
		flow within th	ne mantle.
Cause		to move	
Less dense hot mo	agma moves _		
	-	 es	
	-		
More dense coole Earth's Oceans	er magma mov		the oceans.
More dense coole Earth's Oceans	er magma mov	es	
More dense coole Earth's Oceans Temperature from creating global cu	n the	es	ensity of water
More dense coole Earth's Oceans Temperature from creating global cu	a the urrents. vater sinks	es flow within and salinity affects the de	ensity of water
More dense coole Earth's Oceans Temperature from creating global cu v Earth's Atmospher	er magma mov	es flow within and salinity affects the de	ensity of water S.
More dense coole Earth's Oceans Temperature from creating global cu v Earth's Atmospher	a the urrents. vater sinks r e radiation hear	es flow within flow affects the de	ensity of water 5. nsferred by
More dense coole Earth's Oceans Temperature from creating global cu v Earth's Atmospher	er magma mov the urrents. vater sinks radiation hear A	es flow within f and salinity affects the de water rises ts the Earth's surface. It is tran	ensity of water 5. nsferred by
More dense coole Earth's Oceans Temperature from creating global cuv Earth's Atmospherdense and	er magma mov the urrents. vater sinks radiation hear A	es flow within f and salinity affects the de water rises ts the Earth's surface. It is tran	ensity of water 5. nsferred by te becomes le

NOTES- CONVECTION CURRENTS TOPIC 4 (ENERGY IN THE ATMOSPHERE & OCEAN)

High Pressure (H)			
Cool air masses become more	and sink.		
Low Pressure (L)			
Warm air masses become less		and rise.	
Wind			
difference be	tween h	nigh pressure areas and low	
pressure surrounding it cause		_to form.	
Wind flows from	_to	pressure.	
Earth's atmospheric convection cu	rrents ca	ause	
Local Breezes			
breeze - Wind that	flows fro	om the cool air over water (H	⊣)
	towarc	d the warm air over the lanc	1 (L)
	D	During thesolar	
radiation heats the land more quic	kly than		
breeze – breeze tha	t flows fro	rom the cool air above land	(H)
	towar	ard the warmer air above the	е
Water (L)		Caused by	
cooling more quickly than water in	the ever	ening.	
Valley breeze – mountain side is wo Breeze blows from the valley floor to			_·
breeze – mountain sid Breeze blows form the mountain sid		l quickly in the valley floor.	