Department Sabaraga	muwa Province/ Weekly School Department of Education.Sabaragamuwa Province/	Weekly School Department of			
Education S. Ohio ovince/	Provincial Department Of Education – Sabaragamuwa	nt of Education,Sabaragamuwa			
Province/W spartmen Department of Education, Sabarage	WEEKLY SCHOOL	nuwa Province/ Weekly School Weekly School Department of			
Education Sabaragamuun Province/Weakly School Department of Education, Sabaragamuwa Province/Weekly School Department of Education, Sabaragamuwa					
Pr Subject : Science	va Province/Weekly School Department of Education, Sabaraga	muwa Province/ Weekly School			
De	School Department of Education, Sabaragamuwa Province				
Education Sabaragamuwa Province/V	Veekly School Department of Education, Sabaragamuwa Province/ Weekly School Departm	ent of Education,Sabaragamuwa			
1 Grade /	of Education, Sabaragamuwa Province/Weekly School Department of Education, S	ek : 03 rd of 3 rd Term			
	muwa Province/ Weekly School Department of Education,Sabaragamuwa Pr Veekly School Department of Education,Sabaragamuwa Province/ Weekly School Department	ek: 03 or 3 Term			

Unit 14 – Heat and Temperature(3)

√	Aı	pplication of convectional currents
	0	Sea breeze
	0	Land breeze
./	Da	adiation
•	Ιλά	auiation
	••••	
	••••	
A	cti	vity 14.11
m	ome	need: Three equal tin cans, three eters, cork stoppers, black and white ld water, few pieces of cardboard,

Method:

You ther pain stop clock



Figure 14.28 _

- Keep one tin can as it is, with the shining outer surface. Paint one of the other tin cans with black paint and final one with white paint (See Figure 14.28).
- Add equal volume of cold water into each tin. Fix a thermometer to each tin can as shown in the figure and measure the initial temperature
- Place all the three cans in the same place in the sun. Measure the temperature in every five minutes time and tabulate the readings.

Time (min)	Temperature of water in the cans (°C)			
	Black can	White can	Can with shining surface	
0				
5				
10				