

ACTIVITY 1

Question	Answer
1.	What was the temperature of the hot chocolate at the start of the investigation?
	75°C
2.	What was the temperature of the hot chocolate at minute 6?
	61°C
3.	What was the temperature of the hot chocolate at approximately 9 minutes and 30 seconds?
	50°C
4.	During which minute was the temperature 68°C?
	Minute 2
5.	By how many degrees did the temperature of the hot chocolate cool from minute 3 to minute 6?
	5°C
6.	By how many degrees did the temperature of the hot chocolate cool from minute 7 to minute 10?
	11°C
7.	How long did it take the temperature of the hot chocolate to drop by 20°C?
	8 minutes
8.	By how many degrees did the temperature of the hot chocolate cool altogether?
	54°C
9.	For approximately how long was the temperature of the hot chocolate between 50°C and 40°C?
	2 minutes

ACTIVITY 2

Question	Answer
1.	Which months on Mount Kilimanjaro have the lowest average rainfall?
	<i>July and August</i>
2.	Which months on Mount Kilimanjaro have the highest average temperature?
	<i>February and March</i>
3.	Which months on Mount Kilimanjaro have 10mm of average rain?
	<i>June and September</i>
4.	How many mm of rain does Mount Kilimanjaro get on average during May?
	<i>90mm</i>
5.	What is the difference in rainfall between March and April?
	<i>55m</i>
6.	How much does the temperature fall on average from March to July?
	<i>7°C</i>
7.	How much does the temperature rise on average from July to November?
	<i>6°C</i>
8.	How many mm of rain does Mount Kilimanjaro get from September to November?
	<i>65mm</i>
9.	How many mm of rain does Mount Kilimanjaro get from January to May?
	<i>270mm</i>