

Activity 1 & 2 - Watch the videos on statistics. Then answer the questions below.

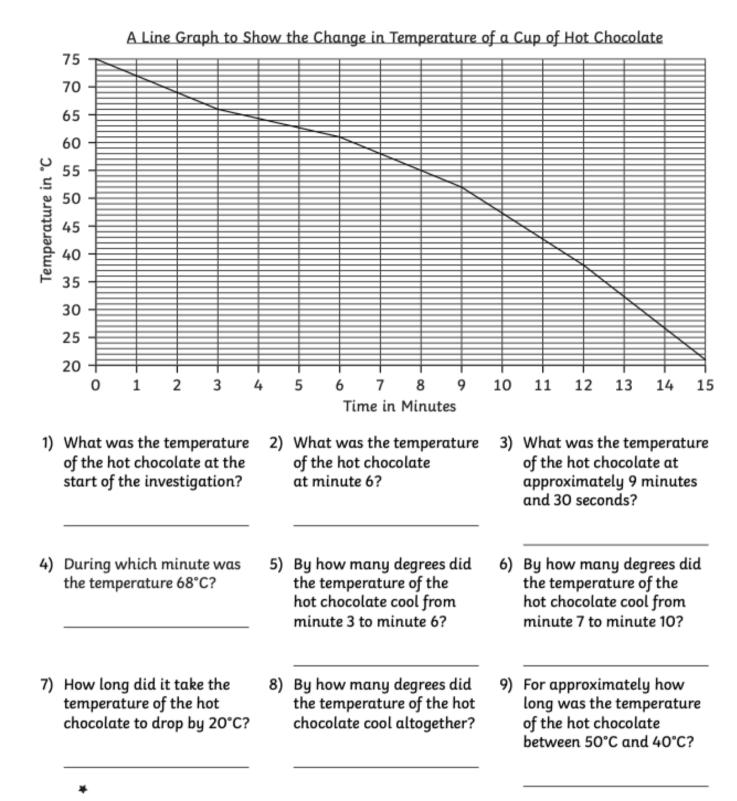
Maths Skills Practise: Daily Challenge:

JUNE MATHS MASTERS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
What number is represented here: MCCXII?	What is double 357? Can you work it out 2 ways?	What is 765,551 rounded to the nearest 1000?	4 Is 43 × 10 the same as 4300 ÷ 100? Why?	If x – 57 = 35 + 76, what is the value of x?	What's missing in this sequence: 3, 6, 10, 15,, 28. How do you know?	7 What is 13,563 rounded to the nearest 100? What is the rule?
How many degrees in a complete turn?	9 What is 10.7 – 4.9? How did you work it out?	If $y = 37$, what is the value of x in 'y + 67 = x'?	One third of a number is 59, what was the number?	Which number is bigger: 267676 or 276767? Describe how you know.	Calculate 4 x 17 + 4.	List all the prime numbers between 30 and 60.
15 (6 × 5) + 6 = 30. Is this right? Why?	What is three and two thirds plus two thirds?	What is 10 x 13? What other calculations would give you the same answer?	What is 4.04 + 2.07 + 9?	Put these numbers in descending order: 7543, 3457, 7453, 4753, 5743.	How many grams in 4.7kg? How do you know?	What time is 22:05 in words? Can you draw it on a clock face?
What is today's date in Roman Numerals?	What are the properties of a triangular prism? Can you draw one?	How many ml in 5.43!?	Which fraction is bigger: 3/5 or 40/100? How do you know?	Can you draw a regular and an irregular hexagon?	Jake says, "If y+7= 5, then y must be 2." Is he right? How do you know?	28 What is 14.3 - 1.7 + 5.2?
Joshua says, "the area of my shape is 32cm so the perimeter must be 24cm". Do you agree?	TRICKY QUESTION: How many minutes in a normal school week?	Have fun doing a Maths question a day! Challenge yourself to talk to the people at home and show off what you know!				

Reasoning & Problem Solving
Try any of the challenges on this website:

http://www.iseemaths.com/lessons56/



Challenge:

Draw your own line graph to show a change over time.

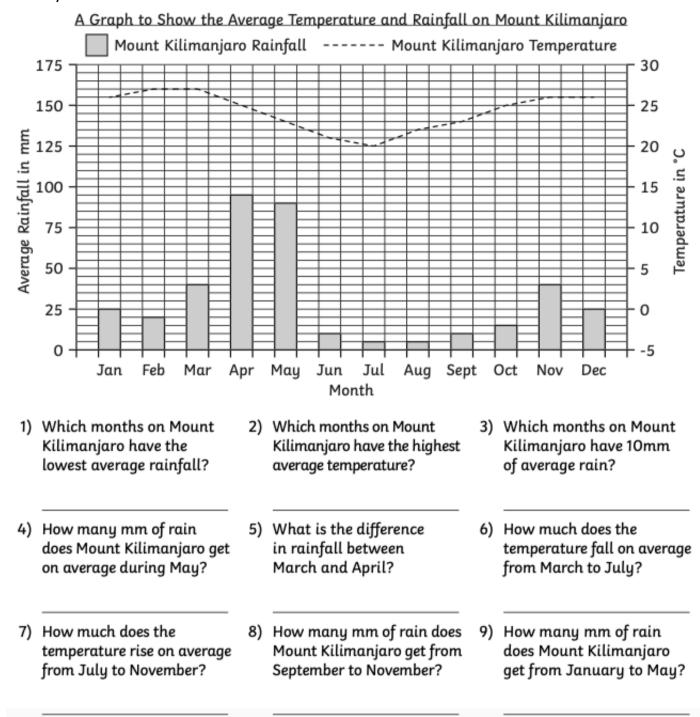
Ideas:

A liquid cooling down

Your heart rate after running on the spot for a minute

Temperature change throughout a day (you could find the temperatures on a website or app)

Activity 2



Challenge:

Use the data on this website to draw a bar graph and line graph to show the average temperature in Macclesfield over a year with the average rainfall. Write 3 things you know from this data.

https://en.climate-data.org/europe/united-kingdom/england/macclesfield-8394/