

Is Temperature Rising? Worksheet

Look at the ten year period below.
Choose a month and draw the graph (temperature on y-axis, year on x-axis).

Can you see if temperatures are rising?

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	5.5	5.7	5.1	10	11.2	15.3	17.4	16.8	16.3	11.7	6.6	5.8		
2	4.2	5.3	7.4	7.6	11.3	16.2	15.9	15.6	12.9	9.6	5.7	1.2		
3	3.9	3.7	4.1	6.8	10.1	14	16.3	14.8	14.1	9.4	8.5	5.5		
4	2.7	3.4	6.6	9.6	13.4	14.4	16.8	15.8	10.7	8.8	4.2	2.8		
5	3.3	4.3	5.6	7.3	12.6	14.4	15.5	16.2	13.8	9.7	8.5	6.9		
6	2.9	2.6	5.8	7.6	11.2	13.4	14.2	14.6	12.7	11.9	6.9	6.8		
7	2.6	1.2	3.2	9.3	9.7	13.8	17.7	18.1	14.2	9.2	7	5.4		
8	3.6	-0.2	6.2	6.9	11.7	13.1	15.8	13.5	14.3	9.4	6	5.7		
9	5.5	5.3	9.2	8.9	10.3	15.2	16.3	15.4	12.5	10.8	6.4	4.5		
10	3.4	4.7	3.7	7.4	11.1	14.1	15.9	15.8	15.1	10.8	6.4	4.7		

- What have you found out?
- Does this tell us whether temperatures are rising?
- What could we do next?
- How many years ago do we need to start from?
- Would it be better to look at a particular month or an average for the year?
- How is it best to present the data? (Do you want to use graphs, charts, numbers...?)