

Climate Stripes Resources

Primary- KS2 Maths lesson plan

Looking at temperature data from cities in Britain in the last ten years

Curriculum link:

- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average.

Extension:

With access to computers, Higher Achieving children could even make their own Climate Stripes graph [as demonstrated here](#).

Activity:

Look at temperature data from cities in Britain in the last ten years (see supporting resources).

Calculate the mean average for the cities each year. Are there any patterns?

These averages could then be plotted as a line chart (on paper or in Excel).

Look at the Climate Stripes data which can be found here: showyourstripes.info

If using this activity, it might be best to do it after showing the PowerPoint, so children can understand in more depth what the climate stripes mean.

Discussion: Why the data has been represented as climate stripes?

Why was this representation chosen rather than a pie chart / line chart?

How do students think the graph might develop over the next 5-10 years?

