

# Partnering for the planet

## Upper KS2 (Y6) Maths (worksheet based)

### Looking at temperature data from cities in Britain in the last five years

#### NC link (Y6 statistics):

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

#### Main activity:

Look at temperature data from cities in Britain in the last five years (see supporting differentiated resources on the primary resources web page).

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](http://showyourstripes.info)

Discuss why the data has been represented as climate stripes. Why was this representation chosen rather than a pie chart / line chart?

#### Extension:

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

If using this activity, it might be best to do it after showing the video, but before the main climate change lesson, so children can understand in more depth what the climate stripes mean.

