



## Climate Change Survey

**Surveys** are a great way to learn about the **opinions** and **experiences** of the people around you. They are an especially important tool in research and when **writing policies** related to climate change as they provide a deeper understanding of a population's needs and wants. This activity will help introduce your students to scientific survey design and reporting based on statistical analysis. Students are asked to create a **10 question survey** with the goal of determining the perspectives on climate change of the people around them such as friends, peers, and family members.

### Writing Questions

In the students' activity sheet, you'll find some **tips and tricks** that we recommend following when writing an effective survey and can be used when assessing your students' work. Overall, one of the most important parts about writing surveys is to ensure that you're getting the most **accurate** and **unbiased** responses possible.

There are different types of survey questions, and we've provided a few examples in the activity sheet. Each survey should include at **least 4 different** types of questions and should consist of **mostly** quantitative questions.

### Drawing conclusions

**After** completing the survey and collecting responses, students are asked to **aggregate** their data and draw conclusions in a **one-page report**. These conclusions may vary greatly between students but should answer the overarching question of 'How do the people around me feel about/perceive climate change?'. Students can use the page provided in the handout or use their own paper.

When making statements such as 'Most people...' or 'Few people', students should provide some **evidence**. For example, 'Most respondents (**80%**) believe that climate change is caused by humans'. In other words, there should be evidence **based on their analysis** of the survey responses to support each **conclusion**.

This activity can be delivered any way you choose, but we recommend the initial survey design as one lesson, followed by homework to have the surveys completed. A second lesson can then focus on the report writing exercise or presenting their data to the rest of the class.

We welcome feedback and would be delighted to hear your thoughts on this activity. Feel free to send an email to [schools@climatescience.org](mailto:schools@climatescience.org) and we'll be sure to get back to you soon :)

