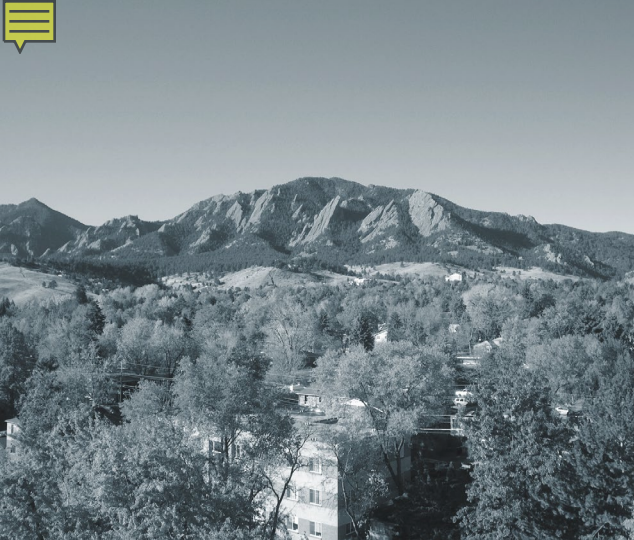




# What makes cities hotter?

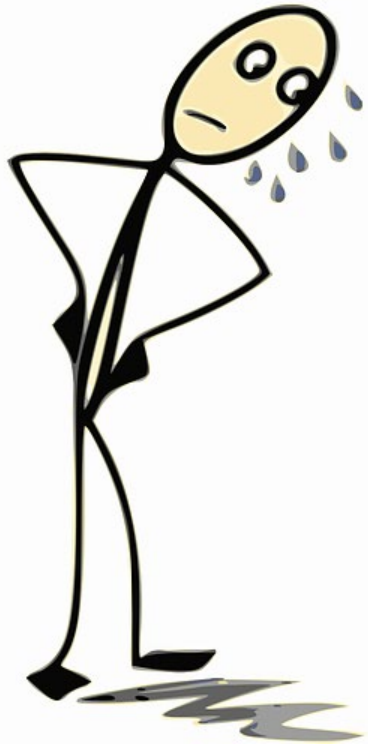
Lesson 2



**What did we wonder about last class?**

The background features a black field with several large, overlapping, organic shapes in shades of red and yellow. The shapes are somewhat fluid and abstract, resembling a stylized flame or a cluster of petals. The text is centered over this background.

**What were our ideas  
about the rising  
temperatures?**



**Which questions  
did we decide to  
investigate?**

**What do you  
think is  
causing these  
cities to get  
hotter?**






**How could we investigate your ideas about what's causing these cities to get hotter?**





**What will a graph of the data look like, if the two things we are looking at are related (e.g. sunshine & temperature)?**



**What pattern do we  
see in the data?**



---

**Does the pattern show a relationship between the things we've been looking at?**





Now you will use data to analyze about the following 3 things:

- Population
- Temperature
- Precipitation

...in Greeley, Boulder, Denver, Fort Collins, Greeley, and Pueblo, Colorado.





**Fill out your  
Student Activity  
Sheet as you work  
with your team!**



---

**Did you see  
any patterns  
or  
relationships?**





**If so, what patterns or relationships did you see? If not, you still learned something. What?**



Do you see upward  
patterns or  
relationships?

Downward patterns  
or relationships?

What does that tell  
you?



**What should  
we investigate  
next?**