

# Data Continuum



Actual Plant



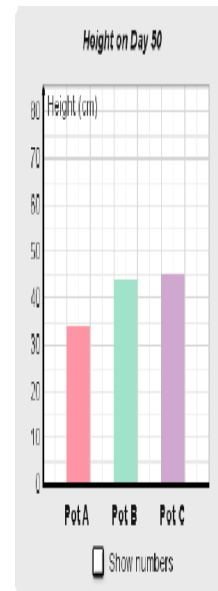
Drawing of plant:  
actual size



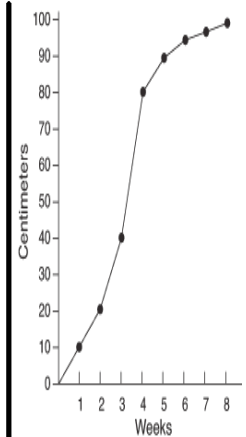
Drawing of plant:  
fit in notebook



Represent plant  
height using objects



Bar graph



2 coordinate  
graph

**Alike in all respects**

**Most symbolic representation of data**

Now what?  
How do I get my students to do something with the  
data?

Verbally  
Written  
Dictated  
Drawn

Question: \_\_\_\_\_

What did you find out?

I found out that..... I know this because.....

Question: \_\_\_\_\_

What do you know now?

I know that..... I know this because.....

Question: \_\_\_\_\_

Can you make a claim now?

I claim that..... because.....

Question:

EVIDENCE

I know that.....

I know this because....

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Question:

**CLAIM**

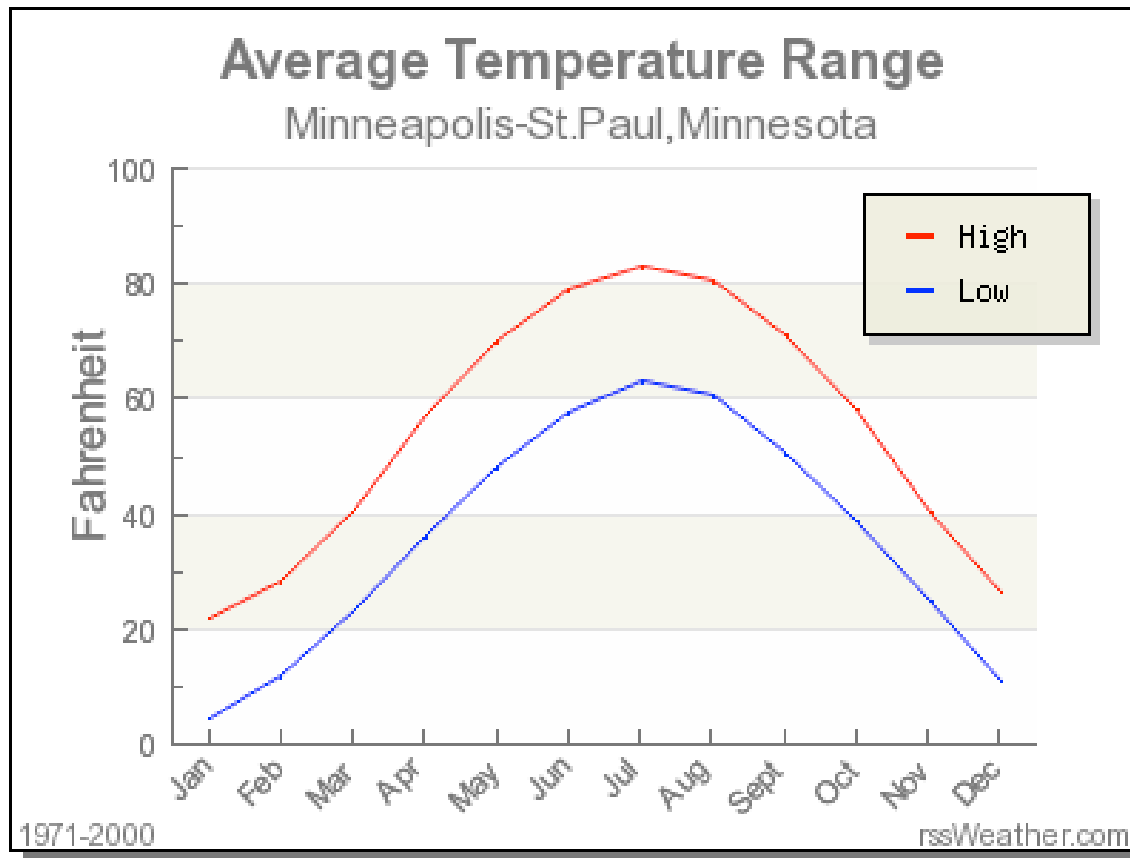
I claim that.....

**EVIDENCE**

because....


*i*<sup>2</sup> = I can identify  
I can interpret  
Strategy

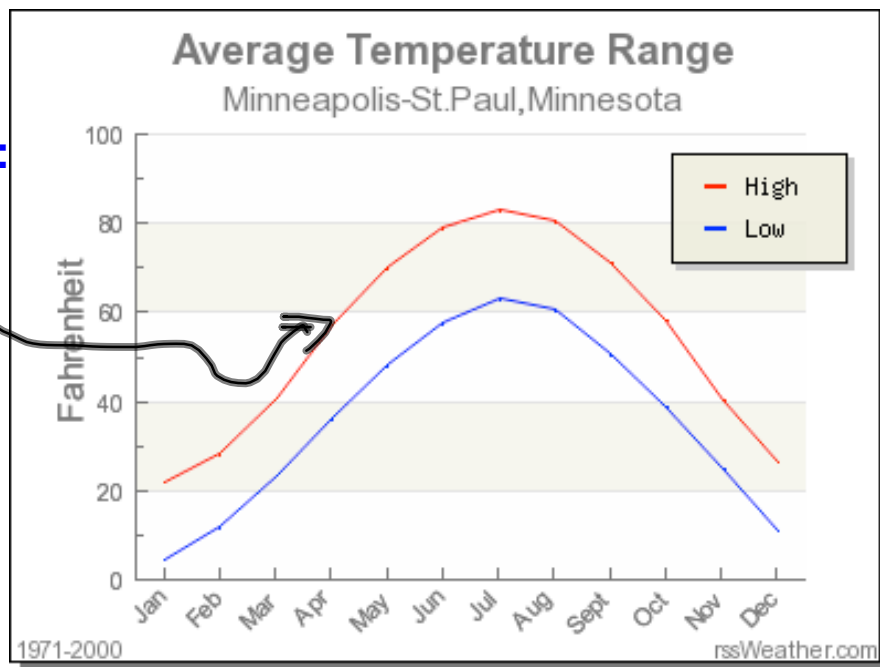




**Step 1: Identify any changes, trends, or differences you see**

**What I see....**

**What I see :  
an upward  
slope  
between  
January  
and July**



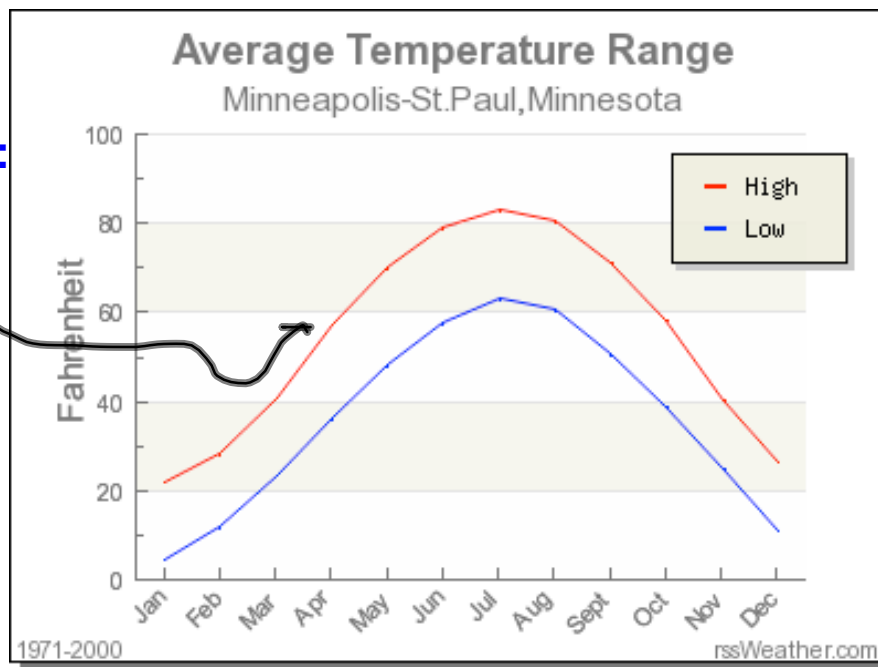


## Step 2: Interpret the meaning of each "What I see.." comment by writing

What it means....

What I see :  
an upward  
slope  
between  
January  
and July

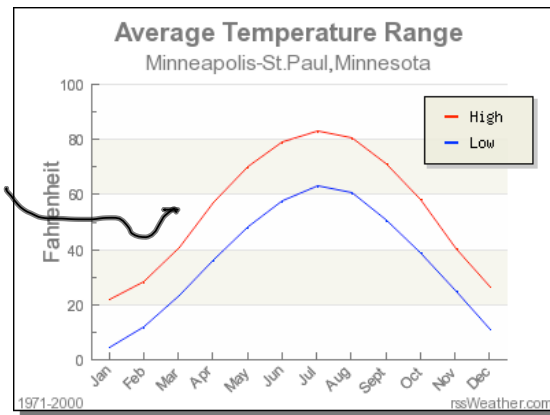
What it means:  
The average  
temperature in  
the city  
increases  
between  
February and  
July.



### Step 3: Write a caption for the graph

What I see :  
an upward  
slope  
between  
January  
and July

What it means:  
The average  
temperature in  
the city  
increases  
between  
February and  
July.



1. Start with a topic sentence that describes what the graph describes.
2. Combine the "What I see & What it means into a sentence.
3. Build a paragraph out of your observations.

**This graph shows the average temperature in Minneapolis St. Paul, MN over a year. There is an upward slope from ....., showing that there is an increase in the average temperature during these months....**