

Weather Patterns

Subject: Mathematics	Topic: Patterns, Statistics
Grades: 4-7	
Skills: Recognizing and describing patterns	

Subject: Science	Topic: Weather and Climate
Grades: 4-7	
Concepts: Seasonal temperature changes	

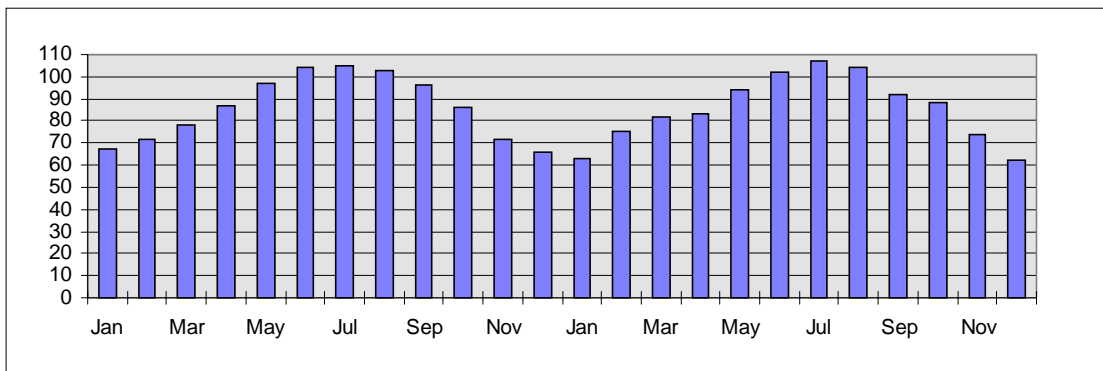
Procedure:

Distribute the handout, and graph paper.

As needed, help the students to set up their graphs. For younger students, you may wish to do this as a class activity.

These characteristics can be brought out in discussion:

- The graph shows a wave pattern which repeats itself every 12 months.
- The hottest month is July for both years, the coldest is January.
- The temperatures range from a little above 60 degrees to around 105.



Weather Patterns

The chart below shows the high temperature in Phoenix, Arizona every month for two years.

Graph the temperatures on a sheet of graph paper. Do you see a pattern? Describe it below.

Phoenix, Arizona				
1994			1995	
Month	High Temp.		Month	High Temp.
Jan	67		Jan	63
Feb	72		Feb	75
Mar	78		Mar	82
Apr	87		Apr	83
May	97		May	94
Jun	104		Jun	102
Jul	105		Jul	107
Aug	103		Aug	104
Sep	96		Sep	92
Oct	86		Oct	88
Nov	72		Nov	74
Dec	66		Dec	62

The pattern: _____
