Topic: Scatter Graphs

Topic/Skill	Definition/Tips	Example
1. Correlation	Correlation between two sets of data	There is correlation between
	means they are connected in some	temperature and the number of ice
	way.	creams sold.
2. Causality	When one variable influences another	The more hours you work at a
/	variable.	particular job (paid hourly), the
		higher your income from that job
		will be.
3. Positive	As one value increases the other	a Line of Best Fit
Correlation	value increases .	
		- Art
		Positive Correlation
4. Negative	As one value increases the other	*
Correlation	value decreases .	
		- ⁻ * *
		- Outlier
		Negative Correlation
5. No	There is no linear relationship	*
Correlation	between the two.	5- X X X X 2- X X
Correlation	between the two.	
		No Correlation
6. Strong	When two sets of data are closely	
Correlation	linked.	
		Strong
		Positive
7 \\/ool/	When two cots of data have	Correlation
7. Weak	When two sets of data have	
Correlation	correlation, but are not closely linked.	
	lilikeu.	Weak
		Positive Correlation
8. Scatter	A graph in which values of two	Successful and the second seco
Graph	variables are plotted along two axes	
	to compare them and see if there is	
	any connection between them.	
0 Line of		
9. Line of	A straight line that best represents	x x
Best Fit	the data on a scatter graph.	
		x x
L		



10. Outlier	A value that 'lies outside' most of the other values in a set of data.	12 10 8 Outlier
	An outlier is much smaller or much larger than the other values in a set of data.	

