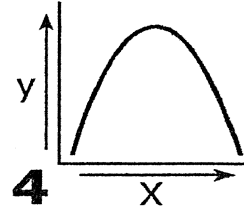
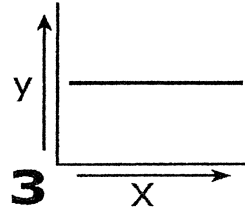
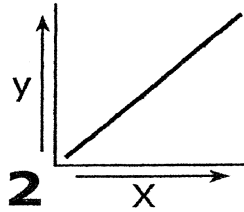
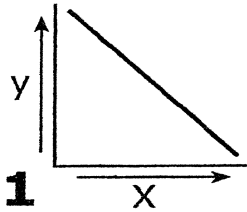


GRAPHING SURFACE PROCESSES



by Charles Burrows

	x	y	Graph #
1	plant growth	runoff	
2	permeability	runoff	
3	freezing	runoff	
4	plant growth	infiltration	
5	freezing	infiltration	
6	particle size	capillarity	
7	particle size	surface area	
8	evapotranspiration	time of day	
9	slope	runoff	
10	particle size	porosity	
11	slope	infiltration	
12	pore size	permeability	
13	saturation	infiltration	
14	pore size	capillarity	
15	packing	porosity	
16	roundness	porosity	
17	particle size	infiltration	
18	rainfall	runoff	
19	saturation	runoff	
20	particle size	runoff	
21	evapotranspiration	month of year	
22	particle size	permeability	
23	sorting	porosity	
24	permeability	infiltration	
25	rainfall	infiltration	

Page 2 and 3 in ESRT

1. What is relief? _____
2. Which has a higher relief (Mountains or Plains?) _____
3. Name a Mountain Region: _____
4. Name a Plateau Region: _____
5. Name a Plains Region: _____
6. What landscape region has Devonian Age rock? _____
7. What landscape region is Old Forge found in? _____
8. What landscape region is Larchmont found in? _____
9. What landscape region has metamorphic rock? _____
10. What landscape region is the Delaware river found in? _____
11. What landscape region has coordinates of (43°N, 77°W) _____
12. What landscape region has Ordovician Age rock? _____
13. Why are the Catskills not true mountains? _____

Surface Ocean Currents Chart-Page 4

Name the direction of flow for the following currents...

1. Antarctic Circumpolar Current _____
2. Kuroshio Current _____
3. Labrador Current _____
4. California Current _____

Name if the following currents are warm or cold?

5. Labrador Current _____
6. Benguela Current _____
7. Alaska Current _____
8. Equatorial Counter Current _____
9. North America and South America have something in common...what is it?

10. What direction does a fluid (air or liquid) tend to "deflect" toward in the Northern Hemisphere?
11. What direction does a fluid (air or liquid) tend to "deflect" toward in the Southern Hemisphere?
12. What force causes the deflection of a fluid?