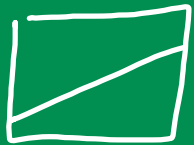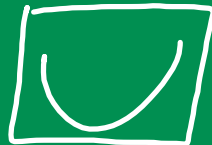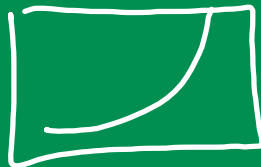Linear

Quadratic

Logarithmic

Exponential
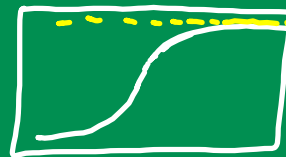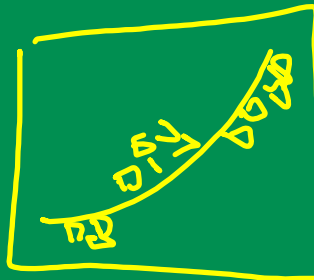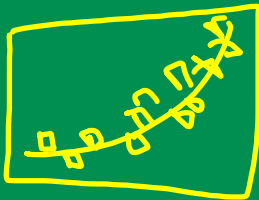
Power $y = a x^b$

Logistic

$$y = \frac{C}{1 + a \cdot e^{-bx}}$$

carrying capacity

1) Are the points evenly balanced on either side of curve?

2) r^2 = Coefficient of determination
how accurately the curve fits the data

r = correlation coefficient
measures the strength of the relationship between the data

3) Does the model predict the future accurately

Know x-coord   Know y-coord
Use Table   Intersect

1st= Run regression on Spreadsheet