

Unit 11 Vocabulary - Functions & Modeling

English / Espanol - with a tiny example for each term.

ENGLISH	ESPANOL	EXAMPLE / EJEMPLO
transformation	transformacion	A shift, flip, or stretch
translation (shift)	traslacion	$f(x-h)+k$ moves the graph
reflection	reflexion	$-f(x)$ flips over the x-axis
vertical stretch	estiramiento vertical	$a \cdot f(x)$: taller or shorter
parent function	funcion madre	The basic graph, e.g. $y = x^2$
discrete	discreta	Separate points (you count)
continuous	continua	Unbroken (you measure)
step function	funcion escalonada	Jumps in flat steps
piecewise function	funcion por partes	Different rule per interval
open / closed circle	circulo abierto / cerrado	Excluded / included endpoint
model	modelo	An equation that fits data
interpolation	interpolacion	Predict INSIDE the data
extrapolation	extrapolacion	Predict OUTSIDE - risky
limits to accuracy	limites de precision	Models aren't perfect
appropriate domain	dominio apropiado	x-values that make sense