

Description Organizer Examples

Tools for Classroom Instruction That Works (McREL, 2018)

Story 1: Cinderella	Describe these things:	Story 2: The Rough-Face Girl
Cinderella two stepsisters prince fairy godmother	Main characters	Rough-Face Girl two sisters Invisible Being
Cinderella is good and sweet. Her stepsisters are mean.	What the three sisters are like	The Rough-Face Girl has a kind heart. Her sisters are mean.
They all want to marry the prince.	What the three sisters want	They all want to marry the Invisible Being.
The prince marries Cinderella instead of the mean sisters. They live happily ever after.	How the story ends	The Invisible Being marries the Rough-Face Girl instead of the mean sisters. They live happily ever after.
Good things happen to good people.	Lesson of the story	Good things happen to good people.

Description Organizer		
Item or text #1: <i>Linear equations</i>	Describe these attributes, aspects, or components:	Item or text #2: <i>Quadratic equations</i>
$y = ax + b$ Select random values for x . Substitute and evaluate for y . Plot ordered pairs (x, y) . Plot point b on the y axis to determine y intercept. Use slope (a) to determine additional points. Straight line - infinite number of ordered pairs that make the equation true - given y , there is only one x value that makes the equation true.	Standard Equation How to solve Shape of graph Solution	$y = ax^2 + bx + c$ Select random values for x . Substitute x and evaluate for y . Plot ordered pairs (x, y) . A more complex process called completing the square is used to determine the vertex of the parabola and its general shape. Parabola - Infinite numbers of pairs that make the equation true. - Given y , there can be 0, 1, or 2 x values that make the equation true.