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ELPS Dot Chart

Lesson #	Lesson Name	ELPS 1: Learning Strategies								ELPS 2: Listening								ELPS 3: Speaking										ELPS 4: Reading													ELPS 5: Writing													
		A	B	C	D	E	F	G	H	A	B	C	D	E	F	G	H	I	A	B	C	D	E	F	G	H	I	J	A	B	C	D	E	F	G	H	I	J	K	A	B	C	D	E	F	G	H							
3.1	Linear Models					•	•								•					•																																		
3.2	Fitting Lines														•					•				•																														
3.3	Residuals					•									•					•																										•								
3.4	The Correlation Coefficient					•									•					•				•	•																													
3.5	Using the Correlation Coefficient					•	•								•					•				•																														
3.6	Causal Relationships					•									•							•	•																															
Unit 4: Functions																																																						
4.1	Describing and Graphing Situations											•			•									•				•	•																									
4.2	Function Notation														•											•																												
4.3	Interpreting & Using Function Notation					•									•									•																														
4.4	Using Function Notation to Describe Rules, Part 1						•								•									•																														
4.5	Using Function Notation to Describe Rules, Part 2													•	•									•																														
4.6	Features of Graphs														•																																							
4.7	Finding Slope																																																					
4.8	Using Graphs to Find Average Rate of Change					•									•							•		•	•	•	•	•																										
4.9	Interpreting and Creating Graphs														•									•																														
4.10	Comparing Graphs														•									•																														
4.11	Graphing a Function Using Transformations														•									•																														
4.12	Domain and Range, Part 1						•								•									•		•																												
4.13	Domain and Range, Part 2						•								•									•		•																												
4.14	Sequences														•									•	•	•																												
4.15	Introducing Geometric Sequences						•								•									•		•	•																											
4.16	Different Types of Sequences														•									•																														
4.17	Sequences Are Functions														•									•	•																													
4.18	The nth Term of an Arithmetic Sequence					•									•									•		•	•																											
Unit 5: Introduction to Exponential Functions																																																						
5.1	Properties of Exponents						•								•									•																														
5.2	Rational Exponents						•								•									•																														
5.3	Patterns of Growth														•																																							
5.4	Representing Exponential Growth					•									•											•																												
5.5	Representing Exponential Decay														•																																							
5.6	Negative Exponents and Scientific Notation														•	•	•																																					
5.7	Analyzing Graphs														•									•		•																												
5.8	Exponential Situations as Functions														•									•																														
5.9	Interpreting Exponential Functions						•								•									•	•		•																											
5.10	Looking at Rates of Change														•																																							
5.11	Modeling Exponential Behavior														•									•	•	•			•																									
5.12	Reasoning about Exponential Graphs, Part 1					•									•											•	•																											
5.13	Reasoning about Exponential Graphs, Part 2														•																																							

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5.14	Which One Changes Faster?														*								*												*															
5.15	Changes over Equal Intervals														*								*		*															*										
Unit 6: Working with Polynomials																																																		
6.1	Add and Subtract Polynomials														*								*																		*									
6.2	Multiplying Polynomials														*											*															*									
6.3	Dividing Polynomials														*							*	*																											
6.4	Greatest Common Factor and Factor by Grouping					*									*						*	*	*				*																							
6.5	Factor Trinomials														*						*		*		*																									
6.6	Factor Special Products					*									*						*		*	*	*																									
6.7	General Strategy for Factoring Polynomials														*					*	*	*			*																									
Unit 7: Introduction to Quadratic Functions															*				*		*			*	*		*	*																						
7.1	Patterns of Change													*			*		*	*			*	*		*	*																							
7.2	Introduction to Quadratic Relationships													*			*		*		*	*		*	*		*																							
7.3	Building Quadratic Functions from Geometric Patterns													*			*		*	*		*	*		*	*																								
7.4	Comparing Quadratic and Exponential Functions			*										*			*		*	*	*		*	*		*																								
7.5	Building Quadratic Functions to Describe Situations, Part 1													*			*		*	*		*	*		*																									
7.6	Building Quadratic Functions to Describe Situations, Part 2												*	*				*		*	*	*		*	*				*																					
7.7	Domain, Range, Vertex, and Zeros of Quadratic Functions			*			*							*			*		*		*	*		*	*																*									
7.8	Equivalent Quadratic Expressions													*			*		*		*	*		*	*																	*								
7.9	Standard Form and Factored Form			*										*			*		*	*		*	*		*	*				*												*								
7.10	Graphs of Functions in Standard and Factored Forms			*										*			*		*		*	*		*	*																									
7.11	Graphing from the Factored Form													*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.12	Graphing the Standard Form, Part 1					*								*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.13	Graphing the Standard Form, Part 2					*								*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.14	Graphs That Represent Situations						*							*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.15	Vertex Form							*						*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.16	Graphing from the Vertex Form						*							*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
7.17	Changing the Vertex					*								*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Unit 8: Quadratic Equations															*				*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
8.1	Finding Unknown Inputs													*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
8.2	When and Why Do We Write Quadratic Equations?					*								*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*</													

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8.6	Rewriting Quadratic Expressions in Factored Form, Part 1														*								*	*																								
8.7	Rewriting Quadratic Expressions in Factored Form, Part 2														*								*				*																					
8.8	Rewriting Quadratic Expressions in Factored Form, Part 3														*								*					*																				
8.9	Solving Quadratic Equations by Using Factored Form											*		*	*								*																									
8.10	Rewriting Quadratic Expressions in Factored Form, Part 4													*									*			*																						
8.11	Writing Quadratic Equations Given Real Solutions													*									*	*																								
8.12	Using Technology to Find the Quadratic Regression													*	*	*																																
Unit 9: More Quadratic Equations															*								*	*																								
9.1	What Are Perfect Squares?											*		*	*			*		*			*	*			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9.2	Completing the Square, Part 1												*	*	*					*	*	*																										
9.3	Completing the Square, Part 2											*	*	*				*	*			*	*																									
9.4	Completing the Square, Part 3												*	*	*				*	*			*	*	*	*																						
9.5	Quadratic Equations with Irrational Solutions												*	*	*				*	*			*	*			*																	*				
9.6	The Quadratic Formula												*	*	*				*	*			*	*		*																						
9.7	Applying the Quadratic Formula												*	*	*				*	*			*	*	*	*																						
9.8	Deriving the Quadratic Formula													*	*	*				*	*			*	*																			*				
9.9	Writing Quadratics in Different Forms													*	*	*				*	*			*	*																							
9.10	Rewriting Quadratic Expressions in Vertex Form											*	*	*				*	*			*	*		*																							
9.11	Using Quadratic Expressions in Vertex Form to Solve Problems	*								*	*			*	*			*				*	*		*					*								*										