

# Pre-Algebra Student Progress Checklist

Unit	#	Lesson	Title	Week	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
Rigid Transformations and Congruence	8.1.2	1	Spinning, Flipping, Sliding	Week 1 Aug 22-25	Naming Transformations			
	8.1.3	2	Transformation Golf		Sequences of Transformations			
	8.1.4	3	Moving Day		Transformations on Grids			
	8.1.5	4	Getting Coordinated	Week 2 Aug 29-Sep 1	Using Coordinates to Describe Transformations			
	8.1.6	5	Connecting the Dots		Describing Transformations Precisely			
	8.1	6	Quiz					
	8.1.7/8	6	Are They the Same? / No Bending, No Stretching	Week 3 Sep 5-8	Defining Congruence			
	8.1.9	7	Are They Congruent?		Rigid Transformations and Congruent Figures			
	7.7.2	8	Friendly Angles		Complementary and Supplementary Angles			
	7.7.3	9	Angle Diagrams	Week 4 Sep 12-15	Vertical Angles and Equations			
	8.1.10	10	Transforming Angles		Angle Measures in Parallel Lines			
	8.1.11	11	Tearing It Up		Angle Sums in Triangles			
	8.1.12	12	Puzzling It Out	Week 5 Sep 19-22	Proving the Triangle Sum Theorem			
	7.7.5	13	Can You Build It?		The Triangle Inequality			
	7.7.6	14	Is It Enough?		Building Polygons Given Side Lengths			
	7.7.7	15	More Than One?	Week 6 Sep 26-29	Building Triangles With Technology			
	7.7.8	16	Can You Draw It?		Drawing Triangles With Rulers and Protractors			
	7.7	17	End Assessment					
Scale Drawings, Dilations, and Similarity	7.1.2	17	Scaling Robots	Week 7 Oct 3-5	Lengths and Scaled Copies			
	7.1.3	18	Make It Scale		Drawing Scaled Copies			
	7.1.6	19	Introducing Scale		Comparing Scale Factor and Scale			
	7.1.7	20	Will It Fit?	Week 8 Oct 10-13	Scale Drawings			
	7.1.9	21	Scaling Buildings		Creating Scale Drawings			
	7.1	22	Quiz					
	8.2.1	22	Sketchy Dilations	Week 9 Oct 17-20	Exploring Dilations and Similarity			
	8.2.2	23	Dilation Mini Golf		Dilations With No Grid			
	8.2.3	24	Match My Dilation		Dilations on a Square Grid			
	8.2.4	25	Dilations on a Plane	Week 10 Oct 24-27	Dilations with Coordinates			
	8.2.5	26	Transformation Golf With Dilations					
	8.2.6	27	Social Scavenger Hunt		Dilations and Similarity			
	8.2.7	28	Are Angles Enough?	Week 11 Oct 31-Nov 3	Similar Polygons			
	8.2.8	29	Shadows		Similar Triangles			
	8.2.9	30	Water Slide		Side Length Quotients in Similar Triangles			
	8.2	31	End Assessment		Slope of Lines			
Writing and Solving Equations and Inequalities	7.6.1	31	Toothpicks and Tiles	Week 12 Nov 7-10	Nonproportional Relationships			
	7.6.2/3	32	Smudged Receipts / Equations		Representing Contexts With Tape Diagrams and Equations			
	7.6.4	33	Seeing Structure		Practice With Tape Diagrams and Equations			
	7.6.5	34	Balancing Moves	Week 13 Nov 14-17	Introduction to Balanced Hangers			
	7.6.6	35	Balancing Equations		Solving Equations With Balanced Hangers			
	7.6.7	36	Keeping It True		Solving Equations			
	7.6.8	37	Factoring and Expanding	Week 14 Nov 28-Dec 1	Options for Solving One Equation			
	7.6.9	38	Always-Equal Machines		Equivalent Expressions			
	7.6.10	39	Collect the Squares		Adding Expressions			
	7.6.11	40	Equation Roundtable	Week 15 Dec 5-8	Solving Equations by Adding Terms and Expanding			
	7.6.12	41	Community Day		Using Equations to Solve Problems			
	7.6	42	Quiz					
	8.4.3	42	Balanced Moves	Week 16 Dec 12-15	Balancing Moves and Undoing			
	8.4.4	43	More Balanced Moves		Solving Linear Equations Part 1			
	8.4.1	44	Number Machines		Solving Linear Equations Part 2			
	8.4.6	45	Strategic Solving	Week 17 Dec 19-22	Solving Linear Equations Part 3			
	8.4.7	46	All, Some, or None?		Equations With One, Many, or No Solutions			
	8.4.8	47	When Are They the Same?		Solving Linear Equations in Context			
	8.4	48	Quiz	Week 18 Dec 26-29				
	6.7.6	48	Tunnel Travels		Graphing Inequalities			
	6.7.7	49	Comparing Weights		Writing Inequalities			
	6.7.8	50	Shira's Solutions	Week 19 Jan 2-5	Solutions to Inequalities			
	7.6.14	51	Unbalanced Hangers		Solutions to Inequalities			
	7.6.15	52	Budgeting		Solving Inequalities in Context			
	7.6.16	53	Shira the Sheep	Week 20 Jan 9-12	Solving Inequalities With Positive and Negative Numbers			
	7.6.17	54	Write Them and Solve Them		Modeling With Inequalities			
	7.6	55	End Assessment					
Linear Relationships and Systems of Equations	8.3.1	55	Turtle Time Trials	Week 21 Jan 16-19	Understanding Proportional Relationships			
	8.3.2	56	Water Tank		Graphs of Proportional Relationships			
	8.3.3	57	Posters		Comparing Proportional Relationships			
	8.3.4	58	Stacking Cups	Week 22 Jan 23-26	Introduction to Linear Relationships			
	8.3.5	59	Flags		Representations of Linear Relationships			
	8.3.6	60	Translations		Translating $y=mx+b$			
	8.3.7	61	Water Cooler	Week 23 Jan 30-Feb 2	Slopes Don't Have to Be Positive			
	8.3.8	62	Landing Planes		Calculating Slope			
	8.3.9	63	Coin Capture		Equations of All Kinds of Lines			
	8.3		Quiz					
			Semester Ends					