## Grade 4 Mathematics – Unit 6: Tables and Graphs Phoenixville Area School District

	Stage 1 Desired Resu	ılts	
PA Core Standards:	Transfer		
CC.2.4.4.A.2 Translate information from one type of data display to another  CC.2.4.4.A.4 Represent and interpret data involving fractions using information provided in a	<ul> <li>TRANSFER GOALS         Students will be able to independently use their learning to         Problem - Solving: Persistently apply various problem-solving strategies and organized approaches to accurately understand and solve problems     </li> <li>Mathematical Vocabulary: Interpret mathematical vocabulary and apply proper terminology to engage in meaningful oral and written expression that communicates mathematical thinking, problem-solving methods, and rationale.</li> </ul>		
line plot	Meaning		
PSSA Assessment Anchors: M04.D-M.2.1 organize, display, and answer questions based on data	<ul> <li>UNDERSTANDINGS         Students will understand that         <ul> <li>Organizing/interpreting data helps us make inferences and draw conclusions</li> <li>Mathematical operations can be modeled through a variety of representations</li> </ul> </li> </ul>	<ul> <li>ESSENTIAL QUESTIONS Students will keep considering <ul> <li>How can models and graphs be used to share and understand information?</li> <li>How do we use data to make decisions?</li> </ul> </li></ul>	
	Knowledge and Skills Acquisition		
	<ul> <li>KNOWLEDGE Students will know</li> <li>There are different ways to display data</li> <li>Data can be displayed on various tables, charts and graphs</li> <li>Keys are used to give information about the table, chart or graph</li> <li>VOCABULARY</li> <li>Line plot</li> <li>X axis</li> </ul>	<ul> <li>SKILLS         Students will be skilled at         <ul> <li>Making a line plot to display a data set of measurements including fractions of a unit</li> <li>Solve problems involving addition and subtraction of fractions by using information presented in line plots</li> <li>Translate information from one type of display to another (table, chart, bar graph, or pictograph)</li> </ul> </li> </ul>	

		Y axis     Interpret		
Stage 2 – Evidence				
Code A/M/T	Evaluative Criteria	Assessment Evidence		
A/M/T Acquisition Meaning Making Transfer	What criteria will be used in each assessment to evaluate attainment of the desired results?	PERFORMANCE TASK(S) Students will demonstrate understanding (meaning-making and transfer) through complex performance by	Differentiation Considerations:  [Work on this section after completing Stages 1-2 of all units]	
A/M/T Acquisition Meaning Making Transfer	What criteria will be used in each assessment to evaluate attainment of the desired results?	OTHER EVIDENCE  Unit Test A: Tables and Line Graphs  • See Assessment folder for Unit 6 assessment  • Multiple Choice  • Fill in the blank  • Open ended Response	Differentiation Considerations:  [Work on this section after completing Stages 1-2 of all units]	