ELP Standard 3: The Language of Mathematics, Formative Framework

WIDA CONSORTIUM

	Example Topics	Level 1 Entering	Level 2 Beginning	Level 3 Developing	Level 4 Expanding	Level 5 Bridging	Level 6- Reaching
LISTENING	**Quadrilaterals**	Identify properties of geometric figures based on visual representations and oral descriptions	Visualize, draw or construct geometric figures based on visual representations and oral descriptions	Locate intersections of geometric figures based on visual representations and oral descriptions (e.g., points, lines or planes)	Compare two- and three-dimensional figures based on visual representations and oral descriptions	Transform geometric figures (e.g., rotations, reflections or enlargements) by following oral directions	
SPEAKING	**Problem solving**	Exchange key words involved in problem solving from models and visual support in L1 or L2 with a partner	Rephrase or recite phrases or sentences involved in problem solving using models and visual support in L1 or L2 with a partner	Sequence sentences to show how to solve problems using visual support and confirm with a partner (e.g., think-alouds)	Describe two or more approaches to solve problems using visual support and share with a partner	Explain to peers, with details, strategies for solving problems	
READING	**Data displays & interpretation**	Organize graphically displayed data from written directions and models (e.g., rank sports teams based on statistics) in small groups	Organize graphically displayed data sets from newspapers or magazines (e.g., stock market trends) in small groups	Display data sets in charts, tables or graphs according to written directions in small groups	Interpret data presented in charts, tables or graphs in small groups	Predict impact of changes in data displayed in charts, tables or graphs	
WRITING	**Scale & proportion**	Draw and compare dimensions (e.g., width, length, depth) of figures or real-life objects to scale	Describe differences in figures or real-life objects based on scale and proportion	Compare/contrast figures or real-life objects based on scale and proportion	Give detailed examples from diagrams of the use of scale and proportion (e.g., in various occupations)	Report on designing models to scale and proportion (e.g., "If you were an architect…")	