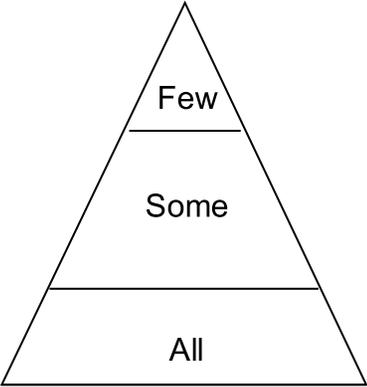


**SEDOL CURRICULUM FRAMEWORK – MATH - Early Childhood and Stage A**

<b>TIMELINE: 4th Quarter</b>	<b>Data Analysis</b>
<b>LEARNING STANDARDS</b>	6.D Solve problems using comparison of quantities, ratios, proportions, and percents. 8.B Interpret and describe numerical relationships using tables, graphs and symbols. 10.A Organize, describe, and make predictions from existing data. 10.B Formulate questions, design data collection methods, gather and analyze data, and communicate findings.
<b>ESSENTIAL QUESTION</b>	How do you organize data?
<b>UNDERSTANDING / SKILLS</b>  	Few students will: Organize, describe, and label simple data displays (e.g., pictographs, tallies, tables, and bar graphs) Create a graph Identify which sample is more, less or equal Sort, classify and describe objects by one property  Some students will: Add data to a pictograph, tally chart, table or bar graph Evaluate data to answer a yes or no question Evaluate data to answer a question Evaluate data to answer questions when given a choice of answers Identify which sample has more or less Identify which sample has more Create a graph with assistance Sort and classify objects by one property Sort objects by one property  All students will: Participate in a data collection activity with assistance by being given a choice Experience multi-sensory activities with assistance focused on different attributes of objects
<b>ACADEMIC VOCABULARY</b>	Graph - a drawing or diagram used to record/represent information or data Chart - an organized representation of data in rows and columns Spinner - a circular piece, divided into sections, with a pointer attached at the center, often used in probability experiments Tally Mark - a slash mark representing the value of one Tally Chart - a graphical representation of numerical data using tally marks

<b>BEST PRACTICES</b>	Creative Curriculum, direct teaching, repetition in varying environments
<b>TOOLS</b>	Please refer to your discipline specific SEDOL Technology Steps
<b>ASSESSMENT EVIDENCE</b>	SEDOL Childhood Checklist, Creative Curriculum Assessment