Scope and Sequence of Mathematics

Trinity Episcopal School, Galveston

Abbreviations: B = Beginning, D = Developing, S = Secure

Abbreviated Objective:	Level PK 2	Level PK 3	Level PK 4	K	1	2	3	4	5	6	7	8
Subject Division												
number sense												
count to 100 and higher using different degrees of skip counting			B	D	D	D	D	D	S			
convert between mixed numbers with fractions and numbers with decimals							B	D	S			
utilize negative numbers as a way of expressing numbers smaller than 0								B	D	D	S	
use exponents including scientific notation								B			S	
computation												
add and subtract whole numbers				B	D	D	S					
multiply and divide whole numbers						B	D	D	S			
perform operations using fractions and decimals								B	D	S		
express percentages, ratios, and proportions								B	D	D	S	
algebra and functions												
identify and describe number patterns				B	D	D	D	D	D	D	S	
solve equations with variables and using order of operations							B	D	D	D	S	
place coordinates correctly on a graph						B	D	D	D	S		
geometry												
identify and classify basic shapes, lines, and angles		B	D	D	D	D	D	D	S			
perform transformations								B	D	D	S	
describe and use the Pythagorean Theorem										B	S	
measurment												
measure time, length, temperature, mass, and money in different units				B	D	D	D	D	D	S		
measure area and volume					B	D	D	D	D	S		
convert standard measures						B	D	D	D	D	S	
data analysis and probabiltiy												
create and use tables and graphs		B	D	D	D	D	D	D	D	S		
describe and demonstrate probability						B	D	D	D	D	D	S
measure central tendancy in different ways						B	D	D	S			
problem solving												
demonstrate strategy and reasoning					B	D	D	D	D	D	D	S
check results and calculations					B	D	D	D	D	D	D	S
use both exact and approximate solutions				B	D	D	D	D	D	D	D	S