De La Salle School

Learning Journey

Entry Level to Mathematics

YEAR 11

- Area
- Length & perimeter
- Calculating volume & capacity
- Calculating weights
- Units of measurement – length, weight, capacity
- Section 2: Measure
- Retrieval of section 1: number
- Formula in words
- Ratio – compare one part to another
- Convert fractions into decimals
- Work out discounts using fractions
- Fractions, decimals & percentages
- Calculating percentage increase & decrease
- Calculating percentages
- Multiplying & dividing decimals
- Adding & subtracting decimals
- Number lines & scales
- Adding & subtracting
- Multiplying & dividing
- Adding and subtracting
- How to proofread
- Applying the four operations for functional uses
- Section 1: Number
- Baseline assessment of ELC
- Introduction to functional skills Level 1

YEAR 10

- Collect information from a survey
- Sort & classify objects using more then criterion
- Component 8: Statistics
- Describe the properties of solids & 3D shapes
- Component 7: Geometry
- Name rectangles, squares, triangles, circles, cubes, pentagons & hexagons
- Estimate length, weight capacity of items
- Use standard units of length, weight & capacity
- Component 6: Measures
- The difference between 2 times – hours, half hours, quarter hour
- Know that 1 week = 7 days, 1 day = 24hours, 1 hour = 60minutes
- Know the days of the week & their order
- Component 5: The calendar and time
- Convert units of money
- Practical activities about the value of coins in everyday life use
- Component 4: money
- Count in fractions of one half or one third or one quarter
- Calculate amounts of 2, 3 or 4 times the amount given
- Component 3: Ratio
- Applying the four operations for functional uses
- Component 2: The four operations
- Count from 0 in steps of 2, 3 & 5
- Recall & use multiplication facts for 2, 5 & 10 multiplication tables
- Understand & identify odd & even numbers
- Component 1: Properties of number