

## **COURSE: NUMBER OPERATIONS [1211]**

### **Module 1. GRADE 1 – MEMORY NUMBER CONCEPT DEVELOPMENT [12111]**

Lesson 1. COUNT CONCRETE OBJECTS	[121111]
Lesson 2. COUNT FORWARDS AND BACKWARDS	[121112]
Lesson 3. NUMBER SYMBOLS AND NUMBER NAMES	[121113]
Lesson 4. DESCRIBE, COMPARE AND ORDER NUMBERS	[121114]
Lesson 5. PLACE VALUE	[121115]

### **Module 2. GRADE 1 – SOLVE NUMBER PROBLEMS [12112]**

Lesson 1. PROBLEM-SOLVING TECHNIQUES	[121121]
Lesson 2. ADDITION AND SUBTRACTION	[121122]
Lesson 3. REPEATED ADDITION LEADING TO MULTIPLICATION	[121123]
Lesson 4. GROUPING AND SHARING LEADING TO DIVISION	[121124]
Lesson 5. WORKING WITH MONEY	[121125]
Lesson 6. MENTAL CALCULATIONS	[121126]

### **Module 3. GRADE 2 – NUMBER CONCEPTS [12113]**

Lesson 1. COUNT OBJECTS	[121131]
Lesson 2. COUNT FORWARDS AND BACKWARDS	[121132]
Lesson 3. NUMBER SYMBOLS AND NUMBER NAMES	[121133]
Lesson 4. DESCRIBE, COMPARE AND ORDER NUMBERS	[121134]
Lesson 5. PLACE VALUE	[121135]

### **Module 4. GRADE 2 – SOLVE PROBLEMS IN CONTEXT [12114]**

Lesson 1. PROBLEM-SOLVING	[121141]
Lesson 2. ADDITION AND SUBTRACTION	[121142]
Lesson 3. ADDITION LEADING TO MULTIPLICATION	[121143]
Lesson 4. GROUPING AND SHARING FOR DIVISION	[121144]
Lesson 5. SHARING FOR FRACTIONS	[121145]
Lesson 6. TECHNIQUES (METHODS OR STRATEGIES)	[121146]
Lesson 7. MENTAL MATHEMATICS	[121147]

## **Module 5. GRADE 3 – NUMBER CONCEPT DEVELOPMENT [12115]**

Lesson 1. COUNT CONCRETE OBJECTS	[121151]
Lesson 2. COUNT FORWARDS AND BACKWARDS	[121152]
Lesson 3. NUMBER SYMBOLS AND NUMBER NAMES	[121153]
Lesson 4. DESCRIBE, COMPARE AND ORDER NUMBERS	[121154]
Lesson 5. PLACE VALUE	[121155]

## **Module 6. GRADE 3 – SOLVE PROBLEMS IN CONTEXT [12116]**

Lesson 1. PROBLEM-SOLVING	[121161]
Lesson 2. ADDITION AND SUBTRACTION	[121162]
Lesson 3. ADDITION LEADING TO MULTIPLICATION	[121163]
Lesson 4. GROUPING AND SHARING FOR DIVISION	[121164]
Lesson 5. SHARING FOR FRACTIONS	[121165]

## **Module 7. GRADE 3 – CONTEXT-FREE CALCULATIONS [12117]**

Lesson 1. TECHNIQUES (METHODS OR STRATEGIES)	[121171]
Lesson 2. ADDITION AND SUBTRACTION	[121172]
Lesson 3. ADDITION LEADING TO MULTIPLICATION	[121173]
Lesson 4. DIVISION	[121174]
Lesson 5. MENTAL CALCULATIONS	[121175]
Lesson 6. FRACTIONS	[121176]