

**WOLMER'S PREPARATORY SCHOOL**  
**A PARENTS GUIDE TO THE CURRICULUM**  
**TERM 1 (CHRISTMAS TERM)**  
**MATHEMATICS**  
**GRADE 5**

**NUMBER:**

**Number Theory**

**Types of numbers:**

*	<b>Prime</b>	*	<b>Composite</b>
*	<b>Counting</b>	*	<b>Fractional</b>
*	<b>Whole</b>	*	<b>Cordial</b>
*	<b>Odd</b>	*	<b>Ordinal</b>
*	<b>Even</b>		

**VALUE & PLACE VALUE OF NUMBERS (to millions)**

- **Expanded notation (Review)**
- **Approximation – rounding off numbers**
- **Four operations with numbers (addition, subtraction, multiplication, division)**
- **Problem solving**

**FACTORS AND MULTIPLES**

- **Factors**
- **Prime factors – expressing a number as a product of its primes.**
- **Multiples, common multiples, lowest common multiples (of 2 or more given numbers)**
- **Addition and subtraction of fractions**
- **Comparing and ordering fractions**
- **Find equivalent fraction with or without specific denominators**
- **Multiplication and division of fractions and mixed numbers**
- **Problem solving (fractional numbers)**

**DECIMALS:**

- **Place Value (revision)**
- **Multiplying and dividing decimals by powers of 10**
- **Four operations with decimals**
- **Expressing fractions as decimals**
- **Converting decimals to fraction or mixed numbers**
- **Expressing fractions as decimals**

**MEASUREMENT:**

1. **The Metric System – Prefixes (commonly used units)**  
**Interpret and use A,D. and B.C. after a year**  
**Measure accurately**
2. **Perform 4 operations on units of :**
  - **Time**
  - **Length**
  - **Volume**
  - **Mass**

3. Converting between units (metres → centimetres etc.)
4. Solve problems requiring the calculation of : Perimeter  
Length of side (revision)

#### **GEOMETRY:**

**Describe the relationship between and among geometric figures and explain spatial relationships.**

- point
- space
- curved
- horizontal lines
- vertical lines
- oblique (slant) lines
- line segments
- parallel lines
- Perpendicular lines

**Identifying/classifying angles: Acute, right, obtuse, reflex, adjacent, opposite**

#### **STATISTICS:**

- Make and interpret accurately a variety of graphs, charts and tables
- Pictograph
- Circle graph
- Line graph
- Double bar graph
- Identifying clumps, bumps and hole on graph
- Choosing the most appropriate graph to display data and justify choice (assess suitability of a given graph)

### **LANGUAGE ARTS**

**Identify and use phonetic elements eg. blends clusters digraphs etc. appropriate to grade.**

**Identify sight-words and expand knowledge of sight vocabulary appropriate to grade.**

**Spelling Bee text (Gleaner)**

**Use structural analysis to identify the components of words eg.**

- Syllabication – ie & ei words (thief and receive)
- Compound words
- Inflectional ending – silent letters: w k b l
- Contractions etc. eg. knife, lamb, calm etc.

**Synonyms, Suffixes, Homonyms, Prefixes – Revision**

**Identify and use ideas, information at the:**

- **Literal level eg. main ideas , comparisons**
- **Inferential level eg. ‘reading between the lines’**
- **Critical level eg. analysis evaluation**

**Use:** 1. **table of contents/index**  
 2. **directory**  
 3. **encyclopedia**  
 4. **maps etc.**

**Use punctuation marks correctly: Semi colon, colon**

- **Collective nouns**
- **Parts of Speech – types of adverbs/nouns (revision)**  
**Describe what they do in sentences**
- **Subject & verbs agreement (revision) including agreement with collective nouns**
- **Identify and give examples of types of books:**  
**fiction non-fiction reference etc.**
- **Writing report**
- **Use quotation marks correctly**
- **Create simple interesting poems**
- **Write letters using correct format eg. friendly & business invitation**
- **Write vote of thanks**
- **Write advertisements**
- **Basic story elements**
- **Use the apostrophe appropriately in contractions and possessives**

**Writing legibly and creatively:**

**Letters**  
**Stories**  
**Compositions etc.**

**Figures of speech:**

**Similes**  
**Metaphors**  
**Personification**  
**Alliteration**  
**Onomatopoeia**

**Each child must have 2 exercise books for Social Studies: 1. Map work  
2. Notes**

### **Our Caribbean Neighbours**

- **Identify and use concepts correctly:**

☉ territory	☉ hemisphere	☉ region
☉ mainland	☉ neighbour	☉ cardinal points
☉ archipelago	☉ physical features	☉ commonwealth Caribbean

**Use lines of latitude and longitude to locate Caribbean region on World Map.**

- **Identify individual countries on given map**
- **Identify water bodies that border the:** Atlantic Ocean  
Caribbean Sea  
Caribbean region  
Pacific Ocean  
Gulf of Mexico
- **Natural disaster occurring in the region**
- **Name territories which make up the Caribbean region**
- **Identify national symbols in other Caribbean territories**
- **Group Caribbean territories in a variety of ways (given specific criteria)**
- **Greater Antilles**
- **Lesser Antilles**
- **Windward Islands**
- **Leeward Islands**
- **Mainland Territories**
- **Know given Caribbean countries, their capitals, their leaders, official languages and their political status (dependent/independent)**
- **Measure accurately & calculate straight line distance between Caribbean territories.**
- **Identify countries according to their shape**

### **CARIBBEAN HISTORY & CULTURE**

- **Define and use correctly the terms:**

<b>culture</b>	<b>colonialism</b>	<b>independence</b>	<b>nationhood</b>
<b>ethnic</b>	<b>slavery</b>	<b>tradition</b>	<b>heritage</b>
<b>ancestors</b>	<b>indenture</b>	<b>integration</b>	
- **Identify aspects of Caribbean culture**
- **Describe some Caribbean celebrations eg. festivals, carnival, crop over  
Mardi Gras, Divali**
- **Identify some differences in the Caribbean culture and explain why these differences exist.**
- **Identify various forms of Caribbean music**
- **Read and discuss:**
  1. Poem
  2. Emancipation Story - JIS

**NB: At the end of term one ALL grade 5 classes must plan an exhibition of various aspects of Caribbean History and culture using the information gathered on the subject. The exhibition must include performances, demonstrations and samples of food, drink, national dress, anthems, symbols etc.**

## **RELIGIOUS EDUCATION**

**Which world religions are present in the Caribbean?**

**Locate from a variety of sources – factual information about major world religious phenomena present in the Caribbean**

- **Name world religions/belief systems in the Caribbean**
- **Identify countries of origin of these religions/beliefs**
- **Find out how the first 4 major world religion come to Jamaica and the Caribbean**
- **Locate countries in the Caribbean where there are large concentrations of world religions**
- **Identify differences and similarities in belief and value of World religions**
- **Identify by sight places of worship of these religions**
- **Identify religious celebrations that take place in the Caribbean**
- **Identify special garments, foods, symbols and ritual associated with World religions.**
- **Identify values that guide the lives of religious people.**
- **Work on a large Class Scrapbook “Big Book” (See Revised Primary Curriculum Page 91, objective # 8)**