

# Tyndale-Biscoe & Mallinson Society

## U-I & U-II SYLLABUS FOR CLASS-VI

(Session 2016-17)

### Subject: English

#### Unit-I

<b>Literature:</b>	How The Cat Became * Read aloud (independent). * Diary Entry	* Comprehension * Guided paragraph writing	
<b>Poetry:</b>	Day * Recitation * Comprehension	* Guided summary writing * Rhyme Scheme	* Theme of the poem
<b>Grammar:</b>	Sentences <i>Recap (Assertive, Imperative, Exclamatory, Interrogative)</i> * Negative Sentences. * Punctuation: ? ! , ' ' " " ; : _ ' ’	* Tag questions. * Capitalisation.	* Phrases and clauses (intro)
<b>Vocabulary:</b>	Prefix and Suffix		

#### Unit-II

<b>Literature:</b>	Beowulf, The Mighty Hero * Loud / Silent reading * Dialogue writing (guided)	* Role play * Comprehension	
<b>Poetry:</b>	A Green Corn Field * Recitation * Comprehension	* Summarization * Imagery All types to be introduced * In detail (Visual and Auditory only)	
<b>Grammar:</b>	Nouns * Kinds of nouns — Countable, Uncountable, Singular, Plural * Number and Gender Pronouns * Personal , Possessive, Relative, Demonstrative. (Recap) * Reflexive and Emphatic Pronouns * Recap of Articles		
<b>Vocabulary:</b>	Antonyms - Synonyms		

### Subject: Mathematics

#### Unit-I

##### Whole Numbers

- ❖ Recapitulation of Natural Numbers
- ❖ Whole Numbers
- ❖ Properties of Whole Numbers (addition, subtraction, multiplication, division)
- ❖ Distributive Property

##### Integers

- ❖ Recapitulation of Natural Numbers & Whole Numbers
- ❖ Integers
- ❖ Negative of Integers
- ❖ Absolute value of Integers
- ❖ Operation on Integers (Addition & Subtraction)

##### Basic Geometrical Concept

- ❖ Recapitulation of Point, Plane, Collinear points and Non-Collinear points
- ❖ Line, Line Segment & Ray
- ❖ Angles & Types of Angles
- ❖ Pairs of Angles (Adjacent Angles & Linear Pair)

#### Unit-II

##### Playing With Numbers

- ❖ Recapitulation of Divisibility Tests of 2,3,5 and 10
- ❖ Divisibility Tests of 4,8,9,11
- ❖ Recapitulation of DMAS ( $\div$ ,  $\times$ ,  $+$ ,  $-$ )
- ❖ Concept and Application of BODMAS
- ❖ Types of Numbers
  - Recapitulation of Even & Odd numbers
  - Prime Numbers & Composite Numbers
  - Unique Numbers, Twin Prime, Co-Prime & Perfect Numbers

##### Factors and Multiples

- ❖ HCF by Prime Factorisation Method
- ❖ HCF by Long Division Method
- ❖ Simple word problems related to HCF

## Pair of Lines

- ❖ Recapitulation of Line, Line Segment, Ray
- ❖ Pairs of Lines
  - Intersecting Lines
  - Parallel Lines
  - Perpendicular Lines
  - Skew Lines
- ❖ Concurrent Lines

## Triangles

- ❖ Recapitulation of Triangles (Definition, properties etc.)
- ❖ Altitude of a  $\triangle$
- ❖ Median of a  $\triangle$
- ❖ Types of Triangles
  - \* Based on Sides
  - \* Based on Angles

## Subject: Social Studies

### History Unit - I

**Topic:** When Where and How

- \* Recapitulation of History.
- \* Importance of History (History and Pre-history)
- \* Time and dates in History (time-line)
- \* Study of History (Sources)

### Unit-II

**Topic:** And Then the First Cities

- \* Civilizations: Mesopotamian, Egyptian, Chinese, Indus.  
(Recapitulation of Society, Religion, Special Achievements)
- \* Comparison of Mesopotamian and Egyptian civilizations
- \* Main features of Indus valley civilization
- \* The end of Indus valley civilization

### Civics Unit-I

**Topic:** Understanding Government

- \* Meaning of Government
- \* Need of Government
- \* Organs of Government (Executive, Legislature, Judiciary)

### Unit-II

**Topic:** Institutional Representation of Democracy

- \* Universal Adult Franchise
- \* Requirements and Process of Election
- \* Formation of Government

### Geography Unit-I

**Topic:** Maps and Globes

- \* Maps
- \* Globes
- \* Types of Maps (Map Reading)
- \* Classification of Maps

### Unit-II

**Topic:** Latitudes and Longitudes

- \* Recapitulation of Globe
- \* Lines of Latitudes and Longitudes
- \* Diagrams related to Latitudes and Longitudes

## Subject: Science

### Physics Unit-I

**Topic:** Machines

What is a machine? Functions of machines, Types of machines [levers, inclined plane, wedge, screw, wheel and axle, pulley]

### Unit-II

**Topic:** Measurement

Units (standard weights and measures), measurement of length, area, volume, mass, time, temperature, approximation and average

### Chemistry Unit-I

**Topic:** States of Matter

Recapitulation of matter, States of matter, Concept of intermolecular force & space, Properties of solids, liquids & gases, changes in states of matter.

## Unit-II

**Topic:** Changes Around Us  
Recapitulation of states of matter, Types of changes, Energy & Mass, Changes in chemical changes.

## Biology

### Unit-I

**Topic:** The Living World  
Introduction to the living world, Characteristics of living beings, Living & Non-living (Differentiation), Plants & Animals (Differentiation)

### Unit-II

**Topic: (1)** Classification of the Living World  
Introduction, Need of classification.

**Topic: (2)** Classification of Plants  
Non-flowering plants — Algae & Fungi, Flowering Plants — Gymnosperms & Angiosperms, Other Classifications — Size & Stem, Duration of life cycle, habitat, mode of nutrition.

## Subject: Urdu

### یونٹ اول

حصہ نثر: شاعر کشمیر مہجور

حصہ نظم: دُعا

مندرجہ بالا اسباق کا مطالعہ معہ وضاحت، سوالات و جوابات، الفاظ معنی اور موزون الفاظ کے جملے، دیگر مشقی سوالات، اسباق سے متعلق گرائمر، املائی کام اور خالی جگہیں پُر کرنا۔  
قواعد: بناوٹ کے لحاظ سے اسم کی قسمیں، گنتی کے لحاظ سے اسم کی قسمیں، واحد جمع، مذکر مؤنث، الفاظ اضداد، محاورات، رموز اوقاف کی تعریف و وضاحت سے  
مضمون: اہم شخصیت (مہجور)  
درخواست: پرنسپل صاحب کے نام فیس معاف کرنے کی درخواست لکھئے۔

### یونٹ دوم

حصہ نثر: نیک عادات

حصہ نظم: صبح کا ترانہ

مندرجہ بالا اسباق کا مطالعہ معہ وضاحت، سوالات و جوابات، الفاظ معنی اور موزون الفاظ کے جملے، دیگر مشقی سوالات، اسباق سے متعلق گرائمر، املائی کام اور خالی جگہیں پُر کرنا۔  
قواعد: معنوں کے لحاظ سے اسم کی قسمیں، جنس کے لحاظ سے اسم کی قسمیں، ضمیر کا تعارف، واحد جمع، مذکر مؤنث، الفاظ اضداد، محاورات، رموز اوقاف میں سے وقفِ کامل کی تعریف و وضاحت سے  
مضمون: اچھے عادات  
خط: والد صاحب کے نام خط جسمیں نئی وردی اور کتابوں کے لئے پیسے بھیجنے کا ذکر ہو۔

## Subject: Hindi

### Unit-I

पाठपुस्तक बड़े चलो (कविता)  
हार की जीत  
व्याकरण संज्ञा, लिंग, वचन, भाषा और व्याकरण  
अपठित गद्यांश  
अनुच्छेद भारत भूमि के बारे में

### Unit-II

पाठपुस्तक शिष्टाचार  
केतन और चेतन  
पुष्प की अभिलाषा  
व्याकरण सर्वनाम, शब्द विचार  
अपठित गद्यांश  
अनुच्छेद अनुशासन