WELHAM BOYS' SCHOOL

PROFICIENCY AND APTITUDE ASSESSMENT

SYLLABUS

CLASS VIII

ENGLISH

READING COMPREHENSION PROSE/POETRY

The student should be able to:
- distinguish main idea(s) from supporting detail
- make inferences and predictions based on information in the text
- infer meanings of unfamiliar words using contextual clues
- identify author's purpose and tone
- identify literary devices
- identify elements (grade appropriate) of poetry

WRITING
- Letter informal and formal
- Essay (150 words) Descriptive, Narrative and Persuasive
- Story Writing-prompt(s) will be provided

GRAMMAR
- Sentences:Declarative, Imperative, Interrogative, Exclamatory, Simple, Complex and Compound
- Clauses
- Phrasal verbs
- Nouns: Gender, Number, Proper nouns and Common nouns, Countable and Uncountable nouns, Collective nouns, Concrete nouns and Abstract nouns
- Pronouns: Demonstrative, Relative Reflexive, Possessive, Personal, Indefinite, Interrogative
- Adjectives : Degrees of Comparison
- Verb and Tense
- Adverbs: Formation and Comparison

- Prepositions
- Conjunctions: Coordinating, Correlative, Subordinating
- Articles
- Voice: Active and Passive
- Speech: Direct and Indirect
- Punctuation

VOCABULARY

- Synonyms, Antonyms
- Homophones, Homonyms
- Rhyming words
- Contraction
- Idioms
- Prefix, Suffix
- Compound words
- Common professions
- Word building
- Framing Questions

SUGGESTED READING

- The Adventures of Tom Sawyer by Mark Twain
- Roll of Thunder, Hear my Cry by Mildred D Taylor
- Gulliver's Travels by Jonathan Swift
- Journey to the Centre of the World by Jules Verne
- Treasure Island by Robert Louis Stevenson
- Alice's Adventures in Wonderland, & Through the Looking Glass by Lewis Carroll
- The Gift of the Magi and Other Stories by O. Henry
- The Kite Runner by Khaled Hosseini

- David Copperfield by Charles Dickens
- Diary of a Wimpy Kid by Jeff Kinney
- Life of Pi by Yann Martel
- Schindler's List by Thomas Keneally
- Authors like Sudha Murthy, Salman Rushdie, R. K. Narayan, Amish Tripathi

MATHEMATICS

Students will be tested for the concepts and application of the following topics and sub-topics.

ARITHMETIC

Number system: Natural numbers, Whole numbers, Integers and Rational numbers. Representation on number line, Comparison of numbers, Fundamental operations. Real life applications.

Fractions and Decimals: Operations on fractions and decimals, Simplification using BODMAS, Real life applications.

Exponent and Powers: Laws of exponents, Square root by prime factorization method.

COMMERCIAL MATHEMATICS
Average: Direct problems, Real life applications.
Unitary method: Problems based on direct and inverse variations.

Percentages: Real life applications.
Ratio and Proportions: Real life applications, Comparison of ratios.

Profit and Loss: Real life applications.

Simple Interest: Real life applications.

ALGEBRA

Fundamental operations: Addition, Subtraction and Multiplication of algebraic expressions, Simplification of algebraic expressions, Substitution.

Simple equations in one variable: Solving a simple equation, Real life applications.

GEOMETRY

Lines and Angles: Types of angles, Pairs of angles, Properties of parallel lines, Angles formed by parallel lines and transversals, construction of parallel lines.

Triangles: Problems based on the angle sum property of a triangle, Properties of triangles, Pythagoras theorem, Congruence of triangles, Construction of triangles.

Symmetry: Line symmetry, order of symmetry and rotational symmetry.

Visualizing Solid Shapes: Nets of solids, Faces, Vertices and Edges of a Solid.

MENSURATION:

Perimeter and area of a rectangle, square, triangle and parallelogram. Circumference and Area of a circle. Real life applications.

DATA HANDLING

Collection and organization of data, mean, median and mode of raw data. Representation of data using bar graph and double bar graph.

Probability: Basic terminology. Direct problems related to the probability of occurrence of an event.

हिंदी

1.अपठित गद्यांश / पद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर

2.लेखन :

- अनुच्छेद लेखन (50 शब्द)
- संवाद लेखन
- .पत्र –लेखन (औपचारिक / अनौपचारिक)
- चित्र लेखन

3. व्याकरण :

- उपसर्ग–प्रत्यय
- विलोम शब्द ,
- अनेकार्थक शब्द
- पर्यायवाची,
- वाक्यांश के लिए एक शब्द

- विरामचिह्न (वाक्यों में उक्तचिह्नों का सही प्रयोग)
- अशुद्ध वाक्यों को शुद्ध करना
- कारक चिह्नों का नाम व प्रयोग
- मुहावरे / लोकोक्ति अर्थ एवं प्रयोग सहित
- संज्ञा,
- सर्वनाम,
- क्रिया,
- विशेषण

4. **वर्ण–विचारः**

- वर्ण–विच्छेद
- 'र' के विभिन्न रूप
- अनुस्वार–अनुनासिक
- आगत ध्वनि व नुक़्ता का प्रयोग

5. **अंग्रेजी के अंकों का हिन्दी के अंकों तथा शब्दों म ेलेखन।**

6. **अंग्रेजी के शब्दों का हिन्दी रूप ।**