

# Wordbridge School

Playgroup to A Level

## Half Yearly Syllabus

Session: 2022-2023

Class-VI

Sl.	Subject	Syllabus
1.	Arithmetic	<b>Math Book 1 New syllabus: Singlee</b> Chapter-1: Primes ,LCM and HCF Pg (04-23) Chapter-2: Integers, rational numbers and real numbers Pg (26-53) Chapter-3: Approximation and Estimation, ( 58-73)
2.	Algebra	<b>Book: New Syllabus Mathematics Book 1 (7<sup>th</sup> edition):</b> <b>Chapter 4: Basic Algebra and Algebraic Manipulation (Page 82-105):</b> 4.1 Fundamental Algebra. Ex 4A, 4.2 Expansion and Simplification of Linear Expressions. Ex 4B, 4.3 Simplification of Linear Expressions with Fractional Coefficients, 4.4 Factorization. Ex 4C, Review Exercise 4, <b>Chapter 5: Linear Equations and Simple Inequalities (Page 110-133):</b> 5.1 Linear Equations. Ex 5A, 5.2 Formulae. Ex 5B, 5.3 Applications of Linear Equations in Real-World Contexts. Ex 5C, 5.4 Simple Inequalities. Ex 5D, Review Exercise 5 (Handout provided)
3.	Geometry	<b>Book: New Syllabus Mathematics Book 1 (7<sup>th</sup> edition):</b> <b>Chapter 10: Basic Geometry (Page254-277):</b> 10.1 Points, Lines and Planes, 10.2 Angles. Ex 10A, 10.3 Angles Formed by Two Parallel Lines and a Transversal. Ex 10B, Review Exercise 10. <b>Chapter 11: Triangles, Quadrilaterals and Polygons (Page282-291):</b> 11.1 Triangles. Ex 11A (Handout provided)
4.	English Literature	<b>Text Book: A Magic Place Book Six:</b> The Penguins- (pg.56), Reaching the Treasure Island- (pg.116), A Wonderful World (pg.94), The Surprise Party-(pg.67), Sir Isaac Newton- (pg.141) Expect Nothing (Handout). <b>Shakespeare Alive 1 (Text) :</b> A Midsummer Night's Dream (pg:91-152). Merchant of Venice (pg. 61-88).
5.	Bangla Literature	<b>বই : চারুপাঠ, সহপাঠ : দুই বাংলার নির্বাচিত কিশোর গল্প :</b> গদ্য : সত্যতার পুরস্কার - মুহাম্মদ শহীদুল্লাহ, (পৃ: ১) , কত দিকে কত কারিগর - সৈয়দ শামসুল হক (পৃ : ৪২ ) , মাদার তেরেসা -সনজীদা খাতুন (পৃ : ৩৬) । পদ্য : জন্মভূমি - রবীন্দ্রনাথ ঠাকুর (পৃ : ৫৩) , মানুষ জাতি-সত্যেন্দ্রনাথ দত্ত (পৃ : ৬২) । সহপাঠ : জাদুকর - হুমায়ূন আহমেদ (পৃ : ৩০৯) ।
6.	Bangla Language	<b>বই : ভাষা শিক্ষা</b> এককথায় প্রকাশ, সমোচ্চারিত শব্দ, বিপরীত শব্দ. সন্ধি বিচ্ছেদ, লিঙ্গ পরিবর্তন, বাগধারা । সারাংশ / সারমর্ম, অনুবাদ, অনুচ্ছেদ, চিঠি /ই-মেইল, ভাব সম্প্রসারণ, রচনা (নির্ধারিত/অনির্ধারিত) ।

7.	English Language	<p><b>(Oxford Progressive English Book 6) :</b></p> <p><b>Unit 1</b>–Where we live now: Texts: Emails from across the world, Summers in Murree, Across in Indus, Choosing a Host Family, Grammar: Simple present Tense, Hyphenated Compound Adjectives, –Ing participle used, Connectives &amp; Conjunctions.</p> <p><b>Unit 2</b>- The Sea: Text: The Ministers Garden, Green force, Oil Spillage Disaster, The King and the Tide, <b>Grammar:</b> Syllables, Comparative &amp; Superlative Adjectives, Homonyms. Pages: 4-6, 13, 18, 21, 32, 42, 43.</p> <p><b>Unit 3</b> – Schooldays: Texts: The School Master, Oliver Twist, Crows Know, Grammar: Direct Speech, Dialogue &amp; saying Words, Adverbs,</p> <p><b>Unit 4</b>- Natural Disasters: Text: The Egg Collectors Surprise, Monsoon Floods, Pakistan, The Yellow Emperors Flood, Grammar: Present perfect &amp; Continuous tense, Prepositions, Adverb, Prefix-suffix. Pages: 47-57, 62, 67-72, 81, 82, 94-97,</p> <p><b>Creative Writing:</b> Email writing, Paragraph writing. Story writing, Summary writing with topic headings.</p>
8.	Biology	<p><b>Book : New Biology for you (Updated edition):</b></p> <p>Introduction: Characteristics of living and non living.</p> <p>Chapter 1: Cells, Pg# 6-15</p> <p>Chapter 2 :Diffusion, Pg# 16-25</p> <p>Chapter3:Enzymes, Pg# 26-37</p> <p>Chapter 4: Food Pg# 42-53, Digestion Pg# 53-61.</p>
9.	Chemistry	<p><b>Chemistry For Higher Tier. (3<sup>rd</sup> Edition):</b></p> <p><b>Further Topics:</b> Solid, liquid and gas.</p> <p><b>Chapter 1:</b> # Atoms – the big idea, 1.01. Atoms, elements and compounds Pg# 10, 1.02. More about atoms Pg# 12, 1.03. Isotopes and Ar Pg# 14, 1.04. How electrons are arrange, Pg# 16.</p> <p><b>Chapter 2:</b> # Bonding, 2.01 Why compounds form?, Pg# 26, 2.02 Ionic Bond, Pg# 28.</p> <p><b>Chapter 3:</b> 3.01 Acids and Alkalis, Pg#44.</p>
10.	Physics	<p><b>Book: Physics for Higher Tier:</b></p> <p><b>Chapter 1 – Units and Measurement :</b> Units of measurement (pg-10,11), 1.02-More About Units (pg-12,13), 1.03-Measuring Matters (pg-14,15),</p> <p><b>Chapter 2 – Forces and Motion:</b> 2.01-On the Move (pg-20,21), 2.02-Motion Graphs (pg-22,23), 2.05-Falling with Gravity (pg- 28,29), 2.07-Forces in Action (pg-32,33), 2.08-Force, Mass and Acceleration, 2.10- Weight: Pull of Gravity (pg-38,39) 2.12-Speed and Safety (pg-42, 43), 2.13-Action and Reaction (pg-44,45).</p> <p><b>Chapter 3- Energy:</b> 3.01-Work and Energy, 3.02-Energy Changes, 3.03- Energy Calculations.</p>
11.	Geography	<p><b>Text Book: Understanding Geography Book-3 by Longman:</b></p> <p>Chapter 1.1: Understanding the world around us (pg 3-8)</p> <p>Chapter 2.1: Earth’s Invisible Blanket (pg 12-17),</p> <p>Chapter 2.2: Temperature (pg 18-27), Chapter 2.3: Pressure and winds pg (28-34)</p> <p>Chapter 2.4: Moisture in the Atmosphere (35-38)</p> <p>Chapter 2.5: Weather in our lives pg ( 43-44)</p> <p>Chapter 4.1: People, places and climates pg (82-89),</p> <p>Chapter 4.2: Exploring the Tropical Climates pg (90-92),</p> <p>Chapter 4.3: Exploring the Temperate Climates pg (97- 105)</p> <p>Chapter 5.1: Earth’s Natural Vegetation pg (108-111),</p> <p>Chapter 5.2: Tropical Forest pg (112-122), Chapter 5.3 Temperate Forest pg (124- 128), Chapter 5.4 People and the Forest pg (129-138).</p>

12.	Bangladesh Studies	<b>Book: Discovering Bangladesh Book II:</b> <b>Chapter-3 : The Rise and Fall of Mughal Empire of Bengal (Only MCQ)</b> Unit:3.1-Unit: 3.5 <b>Chapter 11 :Resources : Unit: 11.1-Unit: 11.12</b>
13.	History	<b>Book: The Oxford History Project Book II:</b> <b>Chapter1: Buddhism:</b> The life and teaching of Buddha , Asoka , The End of Buddhism in India, The Spread of Buddhism , Buddhism in China , Buddhism in Japan , Buddhism in South-east Asia, <b>Chapter 5: The contact between East and West (Only MCQ):</b> The Crusades , what the Europeans learned from the Arabs, Europe begins to trade with Asia , The Mongols open up China to the West , The Polos: the West first comes to the East , <b>Chapter 6: The voyages of discovery:</b> The voyages of discovery I, The voyages of discovery II , Life on board a medieval ship , The conquistadores,
14.	Computer Science	<b>Book: Cambridge Terabytes Connect with Computers 6:</b> <b>Coding Worksheets &amp; Handout.</b> <b>Chapter 1: Computer System: [Pg. 1-23]:</b> Types of software: System and Application, Programming Languages (Handout given). <b>Chapter 3: Computer Malware [Pg. 45-54]:</b> Virus and its prevention, Spyware, Worms, Trojan horse, Data recovery, Antivirus software (Handout given). <b>Chapter 8: Algorithms and Flowchart [Pg. 108-120]:</b> Algorithm, Flowchart. (Handout provided) <b>Input and output devices</b> (Handout provided)
15.	Religious Studies	<b>Book: Islam and moral Education (Class Six):</b> <b>Chapter-1: Aqai'd-</b> Lessons 1 , 2 & 4 page: 1-4 <b>Chapter-2: Ibadat-</b> Lessons 1 , 2 & 3 page: 20-25 <b>Chapter-3: Learning of the Qur'an and the Hadith-</b> Lessons 5 & 7 ( Sura Al Fatiha & Sura Al Falaq ) page: 61 & 66
16.	Moral Studies	<b>Book: Lessons for Life Book 6</b> Chapter 2: Being Disciplined Chapter 3: Caring for the environment Chapter 4: Being friends Chapter 5: Being Honest Chapter 6: Being Just Chapter 7: Being helpful
17.	Art	<b>Topics:</b> 22 <sup>nd</sup> Sraaban (Rabindranath), Shapla Hawar, Autumn Scenery, Mountain life, Padma setu, Design 6 inch by 6 inch.

\* **Types of Questions:** Fill in the blanks, True/ False, Answer in one word, Short Questions, Broad Questions, Definitions, Diagrams, Draw, colour & label, Short notes, matching, Mental Maths, Solving sums by showing their workouts, Problem Solving.