



Wordbridge School

Playgroup to A Level

Final Term Syllabus

Session: 2022-2023

Class I

Sl.	Subject	Syllabus
1.	English Literature	<p><u>Book: Radiant Reading 1:</u> Whitey's Kittens-II – Pg. 33, The Fairy Christmas Tree-I – Pg. 42, The Fairy Christmas Tree-II – Pg. 45, Molly and the Moon-I Pg. 80, Molly and the Moon-II Pg. 83, A Child's Hymn Pg. 69</p> <p><u>Book: Nelson Spelling Pupil Book 1:</u> Unit: 8- 13 Pg. 18-31</p> <p><u>Book: Developing Fiction Skills 1:</u> Animals Pg. 28-32 [Collective Nouns, Punctuations]. Types of Questions: Fill in the blanks, True/ False, Short Questions, Broad Questions. [Radiant Reading] (Similar to work done in worksheet, CW and HW exercise books) (Worksheets and handouts provided)</p>
2.	English Language	<p><u>Book: Junior English Book 1:</u> Pronoun (pg 88), Preposition: (pg 40), Has and Have: (pg 46), Did and Done (52, 69) Is and are: (pg 31), Homophones: (pg49, 58, 65), Homonyms: (pg-47), Conjunctions: (pg, 43, 67, 71, 87), Compound word: (pg 55), Simile: (pg-85), Things we eat and drink: pg 44,</p> <p><u>Book: Cambridge Primary English Book 2:</u> Pronouns: (pg 76), Conjunctions: (pg 17, 82, 101, 110, 135), Compound words (pg-120, 191) Simile (pg-77). Comprehension: In the woods, (pg 42), Jane's new bicycle, (pg 60), The Summer Holidays, (pg 90), Going for a picnic (pg 84),</p> <p><u>Creative Writing:</u> Paragraph, Picture description</p> <p>Types of Questions: Fill in the blanks, Circle and identify, Make Sentences, Paragraph, Picture Description, and Short Questions. (Similar to work done in worksheet, class work and homework exercise book. Worksheets have been provided.)</p>
3.	Mathematics	<p><u>Book: Excel in Mathematics Book II:</u> Division: (Pg-101-111): Properties of division, Finding Dividend, divisor, quotient. Fractions: (Pg-114-115): Main concept, Numerator/ denominator, Shading. Time: (Pg: 139-149): Information of clock and time, Reading clock (12 hours clock) (Digital method), (A.M/P.M), Calendar. Measurement: Units of measurement, Review of Half Yearly: Addition/Subtraction, Multiplication, Numbers: write n words, numbers, and roman numbers. Money: (Pg 153 – 157): Concept and knowing the currency of Bangladesh, converting tk to paisa, addition/subtraction and word problem. Times Tables: (2-12). Types of Questions: Fill in the blanks, Problem solving, Geometry, Definitions. Follow the CW and HW copies. (Similar to work done in worksheet, CW and HW exercise book.) Worksheets and handouts are provided.</p>

4.	Bangla	<p>আমর বাংলা বই :</p> <p>ক) গদ্য : মায়ের ভালোবাসা, পৃষ্ঠা (৬০-৬১), পিপড়ে ও ঘুঘু পৃষ্ঠা-(৬৬),</p> <p>খ) পদ্য : ভোর হলো, পৃষ্ঠা (৫৬), ছুটি, পৃষ্ঠা-৭০।</p> <p>(প্রশ্ন-উত্তর, শব্দের অর্থ, যুক্তবর্ণ, বাক্য গঠন, সাজিয়ে লেখ, কবিতা, শূন্যস্থান, শ্রুতলিপি, বানান ও দ্রুতপঠন।)</p> <p>গ) কথায় লেখ : (৩১-৫০), ঘ) বারো মাসের নাম, ঙ) পরিভাষা, ছ) ছয় ঋতু,</p> <p>জ) সৃজনশীল লেখা : মিষ্টিভাষা বাংলা, জাতীয় পাখি, আমাদের দেশ।</p> <p>(শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
5.	Science	<p>Book Name: Cambridge Primary Science Learner's Book-2 and Activity book-2</p> <p>Chapter-4: Humans and Animals grow(4.1-4.5) pg(88-112), Activity Book-2 pg (44-57)</p> <p>Chapter-5: Light (5.1-5.3) pg (123-137), Activity Book-2 pg(59-65)</p> <p>Chapter-6: Electricity pg(146-159), Activity Book-2 pg(68-75)</p> <p>Worksheets and handouts provided (Similar to work done in worksheet, CW and HW exercise books)</p>
6.	Religious Studies	<p>Book Name: Introduction to Islam</p> <p>Chapter 3, Unit1: The Message of Allah, pg-20</p> <p>Chapter 3, Unit 2: Quranic Surah with English translations: Surah Al Ikhlas, pg-25.</p> <p>Customs and Traditions: pg-26, Mosques: pg-29.</p> <p>Types of Questions: Fill in the blanks, True/ False, One word, Short Questions, Broad Questions, Matching.</p> <p>Worksheets and handouts provided (Similar to work done in worksheet, CW and HW exercise books)</p>
7.	Moral Studies	<p>Book Name: Lessons for Life (Book 1) :</p> <p>Chapter 5: Being Helpful, pages (22 – 25), Chapter 6: Being Honest, pages (28-30)</p> <p>Chapter 7: Being Friendly, pages (31-33),</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, One word answer, Short Questions, Broad Questions.</p> <p>(Similar to work done in worksheet, CW and HW exercise book.)</p>
8.	Bangladesh Studies	<p>Book Name: Discovering Bangladesh Book I:</p> <p>Chapter 1: Our Country, Chapter 10: Main Crops of Bangladesh,</p> <p>Chapter 13: Festivals, Chapter 14: Kazi Nazrul Islam-The National Poet of Bangladesh, General Knowledge: People Who Help Us [Handout will be provided] , Our School Wordbridge [Handout provided]</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, One word answer, Short Questions, Broad Questions.</p> <p>Similar to work done in worksheet, CW and HW exercise book.</p> <p>Worksheets and handouts are provided.</p>
9.	Computer Science	<p>Book Name: Cambridge Terabytes Book 1:</p> <p>Chapter 5: Fun with Magic Mouse[Pg. 41- 48]</p> <p>Handout topics: Learning to be safe and responsible, Using the computer: Do's and Don'ts, Introduction to Logic. Handouts and Worksheets are provided.</p> <p>(Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
10.	Art	<p>Topics: Shaheed Minar , Football playing scenery , Snails in the garden, Fish Aquarium, An Owl , A mango.</p>



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Class II

Sl.	Subject	Syllabus
1.	English Literature	<p><u>Book: Radiant Reading 2:</u> David Livingstone-2 Pg. 52, Gulliver in the Land of Little People-I Pg. 65, Gulliver in the Land of Little People-II Pg. 69, Tony's Chocolate Bar Pg. 58,</p> <p><u>Book: Nelson Spelling Pupil Book 2:</u>Unit: 8-15 Pg. 18-35</p> <p><u>Book: Developing Fiction Skills 2:</u>Unit: 5- Castles Pg. 28-33 [Gender, Adding Suffix to "f" and "fe" words]</p> <p>Types of Questions: Fill in the blanks, True/ False, Short Questions, Broad Questions. [Radiant Reading], (Worksheets and handouts provided) (Similar to work done in worksheet, CW and HW exercise books)</p>
2.	English Language	<p><u>Book: Junior English 2:</u> Verbs: Definition, (pg 2, recognition, 32), Using the right Verb (pg 9, 70) Verbs: Adding-es, -ed, ing (pg, 4, 15, 20), Usage: took, taken pg 64, ate, eaten-pg 73, gave, given, pg 86, Adverb: pg 43, Conjunctions:pg-69, Compound words: pg 56, 68, 82, Adjective: (pg 5, 8, 19, 76, 89), Occupation (pg 38), Animals (pg 31, 41, 71), Similes (pg 87), Opposite (pg88).</p> <p><u>Book: Cambridge Primary English: Learner's Book 3:</u> Verbs: (pg 117, 132, 135), Compound Words: (pg 127) Pronouns: (pg 49, 92, 135), Adverb (pg 32, 39, 44, 45)</p> <p>Comprehension: John and the cherries, Pg 66 (unseen), Cinderella (pg 6), Dragon's Boy (pg 99), Creative writing " Paragraph, and Picture Description "</p> <p>Types of Questions: Fill in the blanks, Circle and identify, Make Sentences, Paragraph, Picture Description, and Short Questions. Worksheets provided. (Similar to work done in worksheet, class work and homework exercise book.)</p>
3.	Mathematics	<p><u>Book: Excel in Mathematics (Book III):</u> Fractions: (Pg: 102-107)Main concept, Numerator/Denominator Comparison, ordering (Same Denominator), Types of fractions: Proper, improper, like, unlike. Division: (Pg 88 -98) Properties, with/without carry over(2 and 3 digits by 2 digits), word problem. Time and calendar: (Pg: 125-132) concept of clock and calendar, Reading a clock (digital, analogue method), (A.M/PM), Leap year (concept), knowing a calendar. Money: (Pg: 113-118) Conversion from Taka to paisa. Addition/ Subtraction Conversion money, Finding the total amount, Word problem. Measurement: Relation of the units. Conversion, Word problem (Addition/subtraction) Geometry: # 2D and 3D shapes (concept), Times Table: (2-12). Review of Half Yearly: Addition/Subtraction, Multiplication, and Division Geometry. Types of Questions: Fill in the blanks, Problem solving, Geometry, Definitions. Worksheets and handouts are provided. (Similar to work done in worksheet, CW and HW exercise book)</p>

4.	Bangla	<p>আমার বাংলা বই :</p> <p>ক) গদ্য : দুখুর ছেলে বেলা-পৃষ্ঠা (৪৪-৪৭), মুক্তিযোদ্ধাদের একটি সোনালি পাতা-পৃষ্ঠা (৬২-৬৫)</p> <p>খ) পদ্য : আমাদের ছোট নদী, পৃষ্ঠা (৩২-৩৫), কাজের আনন্দ-পৃষ্ঠা (৬৬-৭০)</p> <p>(প্রশ্নউত্তর, কবিতা, যুক্তবর্ণ, শব্দের অর্থ, বাক্যগঠন, শূন্যস্থান পূরণ, সঠিক উত্তর, বানান, শ্রুতলিপি ও দ্রুত পঠন।)</p> <p>গ) পরিভাষা, ঘ) বচন পরিবর্তন, ঙ) বাক্য সংকোচন,</p> <p>চ) সৃজনশীল লেখা : মায়ের ভাষা, জাতীয় কবি, স্বাধীনতা দিবস।</p> <p>(শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
5.	Science	<p>Cambridge Primary Science Learner's Book-3 and Activity book-3:</p> <p>Chapter-4: Staying Alive(4.1-4.4) pg(91-114), Activity Book-3 pg(46-58)</p> <p>Chapter-5: Forces and Magnets (5.1-5.5) pg(125-146), Activity Book-3 pg(62-75)</p> <p>Chapter-6 The Earth and the Moon (6.1-6.3) pg(154-167), Activity Book-3 pg(78-83)</p> <p>'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise book)</p>
6.	Religious Studies	<p>Book Name: Introduction to Islam:</p> <p>Chapter 3, Unit 1: The Message of Allah. Pg-20, Chapter 3, Unit 2: Quranic Surahs with English Translations. Surah Al Ikhlas and Al Falak. Pg-25, Customs and Traditions pg-28, Mosques pg-31.</p> <p>Types of Questions: Fill in the blanks, True/ False, One word answer, Short Questions, Broad Questions. 'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise book)</p>
7.	Moral Studies	<p>Book: Lesson for Life Book-2</p> <p>Chapter-5: Being truthful (pg:22-27), Chapter-6: Being Peaceful (pg: 28-30), Chapter-7: Being a Leader (pg:31-33),</p> <p>(Similar to work done in worksheet, CW and HW exercise book)</p>
8.	Bangladesh Studies	<p>Book: Discovering Bangladesh-II</p> <p>Chapter 9: Tribal People of Bangladesh, Chapter 10: Nawab Faizunnesa Choudhurani Be Safe on Roads [Handouts provided], Chapter 11: Nobel Laureate- Rabindranath Tagore, Chapter 5: History of the Land: Ancient Period- Part 1, 2, 3, 5, 7</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, One word answer, Short Questions, Broad Questions.</p> <p>Worksheets and handouts are provided)</p> <p>(Similar to work done in worksheet, CW and HW exercise book.)</p>
9.	Computer Science	<p>Book Name: Cambridge Terabytes Book 2:</p> <p>Chapter 5:Keyboard keys and Mouse buttons[Pg. 39- 49]</p> <p>Chapter 6:Draw in Paint[Pg. 50- 61]</p> <p>Chapter 7:Fun with shapes and colors[Pg. 62- 71]</p> <p>Chapter 8:Begin Word – Processing[Pg. 72- 82], Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise book.)</p>
10.	Art	<p>Topics: Winter scenery, Water lily in the lake, Language movement, Seasonal fruits, Magpie sitting on a tree.</p>



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Class III

Sl.	Subject	Syllabus
1.	English Literature	<p>Book: Radiant Reading 3: The Boy Who Loved Music- II Pg. 40, The Boy Who Loved Music- III Pg. 44, Keepers Pg. 168, The Cratchit's Christmas-I Pg. 81, The Cratchit's Christmas-II Pg. 87</p> <p>Book: Nelson Spelling Pupil Book 3: Unit: 9-14 Pg. 22-33.</p> <p>Book: Developing Fiction Skills 3 : Unit: 9- Anansi Pg. 68 [Comprehension, Synonyms, Adding Suffix, Prepositions, Prepositional Phrases, Punctuations]</p> <p>Types of Questions: Fill in the blanks, True/ False, Short Questions, Broad Questions. [Radiant Reading]. (Worksheets and handouts provided) (Similar to work done in worksheet, CW and HW exercise books)</p>
2.	English Language	<p>Book: Junior English 3: Doers of action: pg 81, Group names: pg 29, Homonyms: pg 64, Homophones: pg 16, 47, 71, Idioms: pg 73, Opposites: pg 34, 38, 65, Sentences: pg 44, 55, 68, 82, 89, Similes: pg 88.</p> <p>Book: Cambridge Primary English: Learner's Book 4: Homophones: pg 143, Conjunction: pg 39, 126-127</p> <p>Handout: Tense: Present Simple and Present Continuous,</p> <p>Comprehension: A Mad Tea party, pg 78, Are you a good notice? Pg 65</p> <p>Creative Writing: Paragraph and Letter writing.</p> <p>Types of Questions: Fill in the blanks, Paragraph, , Short Question/Answer. Worksheets have been provided. (Similar to work done in worksheet, CW and HW exercise books)</p>
3.	Mathematics	<p>Book: Excel in Mathematics (Book IV): Decimals: Relation between 10, 100, 1000, Ordering decimal, Comparison; Converting: i) fraction to decimal ii) decimal to fraction, Addition/ subtraction # Word problem.</p> <p>Money: Concept, Converting Tk. to paisa, Finding total amount, word problems.</p> <p>Geometry: Angles (types), Circle (properties), Time and calendar: (Pg-134-151): Information about the clock, 12 hours clock, 24 hours clock; Conversion of 12 hours and 24 hours clock time, Addition/Subtraction, Knowing calendar.</p> <p>Measurement: Conversion of units, addition, subtraction.</p> <p>Factors and multiplies: Factor, Multiplies, Divisibility test, LCM, HCF.</p> <p>Revision of Half Yearly: Fractions, Addition, Subtraction, Multiplication, Division, Number (Indian System and International system)</p> <p>Types of Questions: Write in words, Write in numbers, Fill in the blanks, Problem solving, Geometry, Definitions. Worksheets and handouts are provided. (Similar to work done in worksheet, CW and HW exercise books)</p>

4.	Bangla Literature	<p><u>আমার বাংলা বই :</u></p> <p>ক) গদ্য : একাই একটি দুর্গ, পৃষ্ঠা (৪২-৪৭), একজন পটুয়ার কথা, পৃষ্ঠা (৭২-৭৬)</p> <p>খ) পদ্য : আমাদের গ্রাম, পৃষ্ঠা (৫৯-৬১), বড় কে, পৃষ্ঠা (৯০-৯৩)।</p> <p>(প্রশ্নউত্তর, শব্দার্থ, বাক্যগঠন, যুক্তবর্ণ, সঠিক উত্তর, শূন্যস্থান পূরণ, কবিতা, বানান, শ্রুতলিপি ও দ্রুত পঠন।) (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)।</p>
5.	Bangla Language	<p><u>প্রাথমিক বাংলা ব্যাকরণ ও রচনা :</u></p> <p>সন্ধিবিচ্ছেদ (প্রশ্ন/উত্তর), বাক্য সংকোচন, বাগধারা, পদ পরিবর্তন, প্রতিশব্দ, ইংরেজি থেকে বাংলায় অনুবাদ, ভাব- সম্প্রসারণ - ১/ ইচ্ছে থাকিলে উপায় হয়। ২/ শিক্ষাই জাতির মেরুদণ্ড। চিঠি- বনভোজনের দাওয়াত জানিয়ে বন্ধুর কাছে চিঠি।</p> <p>দরখাস্ত- প্রধান শিক্ষকের কাছে অনুপস্থিতির জন্য ছুটির আবেদন।</p> <p>রচনা- ১-আন্তর্জাতিক মাতৃভাষা দিবস, চা।</p> <p>(শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
6.	Science	<p><u>Cambridge Primary Science Learner's Book-4 and Activity book-4</u></p> <p>Chapter-4: Earth and its habitats (4.1-4.4) pg(70-87), Activity Book-4 pg(48-57)</p> <p>Chapter-5: Light (5.1-5.6) pg(96-116), Activity Book-5 pg(61-78)</p> <p>Chapter-6: Electricity(6.1-6.5) pg(124-140) Activity Book-5 pg(81-94)</p> <p>'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
7.	History	<p><u>Book: New Children's Illustrated History Book 3:</u></p> <p>Chapter: 6- China Pg. 39, Chapter: 7- Buddha Pg. 46, Chapter: 9- Socrates Pg. 60, Chapter 12: Alexander pg-79.</p> <p>Types of Questions: Fill in the blanks, True/ False, Word search puzzle, Match the following, One word answer, Short Questions, Broad Questions.</p> <p>(Worksheets and handouts provided)</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
8.	Geography	<p><u>Book Name: Starting Geography 2nd Edition 1:</u></p> <p>Chapter 7: Mountains, Valleys & Plateaus (Pg.34),</p> <p>Chapter 8: Plains & Deserts (pg.41), Chapter 9: Rivers (Pg.48)</p> <p>Chapter 9: Rivers (pg:48-54)</p> <p>Chapter 11: The Restless Earth-Earthquakes (pg: 59),</p> <p>Types of Questions: Broad Question, Short Notes, True/ False, Fill in the blanks, Multiple choices. Worksheets have been provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
9.	Religious Studies	<p><u>Book Name: Introduction to Islam:</u></p> <p>The Message of Allah pg-16, Quranic Surah-Al-Kafirun and Kauther pg- 22-23</p> <p>Customs and traditions pg-24, Mosques pg-28.</p> <p>Types of Questions: Fill in the blanks, True/ False, One word answer, Short Questions, Broad Questions. 'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>

10.	Bangladesh Studies	<p>Book Name: Discovering Bangladesh Book 1:</p> <p>Chapter 2 : Early Kingdoms in North- Western Bengal: 2.1 -The Gauda Empire of Shashanka [pg. 24], 2.2 -Shashanka and Harshavardhan [pg. 25]</p> <p>Chapter 5 :_Art of Ancient Bengal: 5.1 Art Forms in Bengal[pg. 47], 5.2-Art under Ancient Dynasties of Bengal [pg. 47], 5.3-Art in Buddhist Manuscripts [pg. 48], 5.4 -Sankha Art [pg. 50]</p> <p>Chapter 9 : Climate & Vegetation of Bangladesh: 9.1-Climate and Seasons of Bangladesh [pg:85], 9.2-The Monsoons [pg:87], 9.5-Flora [pg: 89], 9.6-Fauna [pg: 90], 9.7-Forests [Pg: 91], 9.8-Mangrove Forests and the Sundarbans [pg: 91], 9.9-Protecting Environment [p:93]</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, One word answer, Short Questions, Broad Questions.</p> <p>Chapter 14: Civic and Social Values and Qualities: 14.1-Patriotism [pg: 127] 14.2-Leadership and Teamwork [pg: 128], 14.3-Work Ethic [pg: 129]</p> <p>Worksheets and handouts are provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
11.	Moral Studies	<p>Book: Lessons for Life 3</p> <p>Chapter-6: Sense of discrimination, pg (33-36)</p> <p>Chapter-7: Being self-confident, pg (37-41)</p> <p>Chapter-8: Being resourceful, pg (42-48)</p> <p>Chapter-9: Being Dutiful, pg (49-52),</p> <p>(Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
12.	Computer Science	<p>Book Name: Cambridge Terabytes Book 3:</p> <p>Chapter 6:Creating a document: MS Word [Pg. 76- 88]</p> <p>Chapter 7:Lessons on Typing[Pg. 89- 92]</p> <p>Chapter 8:Play with Text[Pg. 93- 103]</p> <p>Handout topic:</p> <ul style="list-style-type: none"> • The Internet <p>Handout and Worksheets are provided.</p> <p>(Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
13.	Art	<p>Topics: Bengali winter desserts making scenery, Language movement, Tea garden scenery, Flower gardens scenery, Pahela boishakh fair.</p>



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Class IV

Sl.	Subject	Syllabus
1.	English Literature	<p>Book: Radiant Reading 4: Elizabeth Fry Pg. 176, The Famous Inventor-1 Pg. 107, The Famous Inventor-2 Pg. 111, Across the Atlantic by Air Pg. 97.</p> <p>Book: Nelson Spelling Pupil Book 4: Unit: 10-17 Pg. 24-41</p> <p>Book: Developing Fiction Skills 4: Cats Pg. 92, Cliffs Pg. 76 [Grammar and Vocabulary Sections]</p> <p>Types of Questions: Fill in the blanks, True/ False, Short Questions, Broad Questions. [Radiant Reading]. (Worksheets and handouts provided) (Similar to work done in worksheet, CW and HW exercise books)</p>
2.	English Language	<p>Book Name: Junior English 4 Grammar: Doers of action, (J.E pg 81), Double negatives, (J.E pg 85) Homonyms (J.E pg 68), Homophones, (J.E pg 22, 61, 76), Idioms, (J.E pg 52, 89), Opposites, (J.E pg 38, 40, 70), Prepositions, (J.E pg 64,65), Verbs: Definition (J.E pg 2), Participle, (J.E pg 8, 9), Using the right verb (J.E pg 51).</p> <p>Comprehension: Johann Gutenberg, (J.E pg 78), A fight in a signal tower, (J.E pg 84)</p> <p>Book Name: Cambridge Primary English: Learner's Book 5: Homophones, (C.P.E.L pg 115), Connective, (C.P.E.L pg 83, 84),</p> <p>Handout: Tense: Present Simple and Present Continuous,</p> <p>Creative Writing: Paragraph and Letter writing.</p> <p>Types of Questions: Fill in the blanks, Rewrite sentences (direct / indirect speech), and Change the Tense of the given verbs, Paragraph, Application, Short Questions, and True/False. Worksheets have been provided. (Similar to work done in worksheet, CW and HW exercise books)</p>
3.	Mathematics	<p>Book Name: Excel in Mathematics Book 5: 1. Fraction: Addition and Subtraction, Multiplication and Division, Word Problems on fractions, 2. Percentage: Find the value, Converting Fraction to Percentage, Converting Percentage to Fraction, Word Problems on Percentage. 3. Algebra: Find the Value, Addition / subtraction, Simplification, 4. Geometry: Angle(types), Triangle(types) (Similar to work done in worksheet, CW and HW exercise books)</p>
4.	Bangla Literature	<p>আমার বাংলা বই : ক) গদ্য : বাওয়ালিদের গল্প, পৃষ্ঠা-(৫৫-৫৯), মহীয়সী রোকেয়া, পৃষ্ঠা (৩২-৩৬), খ) পদ্য : কাজলা দিদি, পৃষ্ঠা (৬৭-৭০), মোদের বাংলা ভাষা, পৃষ্ঠা (৫৩-৫৫) (প্রশ্নউত্তর, শব্দার্থ, বাক্যগঠন, যুক্তবর্ণ, শূন্যস্থান, সঠিকউত্তর, কবিতা, কবিতার মূলভাব, কবি পরিচিতি, বানান, শ্রুতলিপি ও দ্রুতপঠন)। (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>

5.	Bangla Language	<p><u>সহজ বাংলা ব্যাকরণ ও রচনা :</u></p> <p>সন্ধি (সন্ধি বিচ্ছেদ ও প্রশ্নউত্তর, শূন্যস্থান), বাক্য সংকোচন , বাগধারা , প্রতিশব্দ পদ পরিবর্তন , ইংরেজি থেকে বাংলায় অনুবাদ ।</p> <p>ভাব সম্প্রসারণ : জন্ম হোক যথাতথ্য কর্ম হোক ভালো , বিদ্যা অমূল্য ধন ।</p> <p>চিঠি -পরীক্ষার ফলাফল জানিয়ে বাবার কাছে চিঠি ।</p> <p>দরখাস্ত : অধ্যক্ষের কাছে স্কুল চলাকালীন সময়ে ছুটির আবেদন ।</p> <p>রচনা : সংবাদ পত্র , শহীদ মিনার ।</p> <p>(শ্রেণির কাজ , বাড়ির কাজ , শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
6.	Science	<p><u>Book Name: Cambridge Primary Science Learner's Book-5 and Activity book-5</u></p> <p>Chapter-4 The Digestive System(4.1-4.2) pg(88-95), Activity Book-5 pg(51-55)</p> <p>Chapter-5 Forces and Magnetism(5.1-5.6) pg(104-128), Activity Book-5 pg(60-79),</p> <p>Chapter-6 Earth's Movement (6.1-6.7) pg(136-156), Activity Book-5 pg(84-98)</p> <p>'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
7.	History	<p><u>Book: New Children's Illustrated History Book 4</u></p> <p>Chapter: 8- Leonardo Da Vinci Pg. 51, Chapter: 9- Vasco Da Gama Pg. 57, Chapter: 11- Michelangelo Pg. 72, Chapter14 : Akbar pg-93</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, One word answer, Short Questions, Broad Questions. (Worksheets and handouts provided)</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
8.	Geography	<p><u>Book Name: Understanding Geography:</u></p> <p>Unit 6: Landforms & Rocks [Pg.75-94] : 6.1 Earth's Landforms, 6.2 How some types of Landforms are formed, Unit 6: Landforms & Rocks, 6.3 What Landforms are made up of?, 6.4 Landforms & People.</p> <p>Unit 7: Water [Pg.95-108] : 7.1 Earth's water, 7.2 Movement of water, 7.3 Water and People.</p> <p>Unit 8: Agriculture [Pg.113-120] : 8.1 Earth's Agricultural Land, 8.2 Agriculture and physical environment.</p> <p>Types of Questions: Broad Questions, Short Notes, True/ False, Fill in the blanks, Multiple choices. Worksheets have been provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
9.	Religious Studies	<p><u>Book Name: Introduction to Islam:</u></p> <p>The Message of Allah pg-21, Quranic Surah An- Nasr and Surah Al Fil pg-27-28 , Mosques pg-47, Customs and Traditions pg-43.</p> <p>Types of Questions: Fill in the blanks, True/ False, One word answer, Short Questions, Broad Questions. 'Worksheets and handouts provided'</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>

10.	Bangladesh Studies	<p><u>Discovering Bangladesh (Book 1)</u></p> <p>Chapter 6: Social Condition in ancient Bengal, pages (52–60)</p> <p>Chapter 10: Resources, pages (96–104)</p> <p>Chapter 12: Civic and Social rights and Responsibilities, pages (118–119).</p> <p>Types of Questions: Fill in the blanks, True/ False, Match the following, Answer in One word answer, Short Questions, Broad Questions.</p> <p>Worksheets and handouts are provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
11.	Computer Science	<p><u>Book Name: Cambridge Terabytes Book 4:</u></p> <p>Chapter 2:Fun with Circles and Polygons in Logo[Pg. 15- 25]</p> <p>Chapter 6:Style a Microsoft Word Document[Pg. 70- 82]</p> <p>Chapter 7:The Net Connect[Pg. 83- 91]</p> <p>Chapter 8:Create a Presentation: Microsoft PowerPoint 2010[Pg. 92- 103]</p> <p>Chapter 9:Design a Presentation[Pg. 104- 120]</p> <p>Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
12.	Art	<p>Topics: Under water sea life, Tree house, The morning of 21st February, River crossing scenery, Village wedding celebrations, Draw as you like.</p>



Wordbridge School

Playgroup to A Level

Final Term Syllabus

Session: 2022-2023

Class-V

Sl.	Subject	Syllabus
1.	Arithmetic	<u>Book: Math's in Action:</u> Chapter 6: Measuring Time and Temperature Chapter 15: Fractions and Percentage Chapter 17 Three Dimensions (207-215) (Worksheets and handout provided) (Similar to work done in worksheet, CW and HW Exercise books)
2.	Algebra	<u>Book: Maths in Action, Algebra for High Schools</u> Chapter 12: Letters, Numbers and Sequences (Pg 142-153) Letters and Numbers Ex 1A, 1B, 1C, Sequences Ex 2A, 2B/C, 3A, 3B/C Chapter 16: Solving more Equations (Page 196 - 203) Solving the Equation $2x + 3 = 7$. Ex 1A, 1B, 1C, Adding and Subtracting. Ex 2A, 2B/C, Keeping Your Balance. Ex 3A, 3B, 3C, Solving the Equation $4x + 2 = 2x + 8$. Ex 4A, 4B, Solving the Equation $3(2x+1) = 8x + 1$. Ex 15 , Solving the equation $\frac{x+1}{3} = \frac{x-3}{4}$, (Similar to work done in worksheet, CW and HW exercise books)
3.	Geometry	<u>Book: Maths in Action</u> Chapter 10: Tiling and symmetry – Line symmetry. Ex 2A, 2B/C, Rotational symmetry. Ex 3A Chapter 11: Measuring Area (Page 129-140 and Handout given on Area and Perimeter), The Meaning of Area. Ex 1A, The Area of a Rectangle. Ex 1B, 1C, 2A The Area of a Triangle. Ex 3A, 3B/C. Area of square, circle, semi-circle, quarter circle, parallelogram and trapezium. Chapter 14: Measuring Volume (Page 175 and Handout given on Volume), Volume of Cubes and Cuboids (similar to work done in worksheet, C.W. and H.W. copy), Volume of Liquid. Ex 2A. (Similar to work done in worksheet, CW and HW exercise books)
4.	English Literature	<u>Text Book: A Magic Place, Book-5:</u> Stuart in the Drain (pg-7), Tinku's New Friend (pg-18), The Village Green (pg-80), The Prince and The Pauper (pg-158), Scaling Mount Everest (pg-92) W/M, F/B, Make Sentences, Q/A (Handout and Worksheet provided) Around the World in Eighty Days (Text): Ch (19-22) W/M, Make Sentences, Q/A, Who said to whom? (Similar to work done in worksheet, CW and HW exercise books)

5.	English Language	Punctuation, Present Continuous Tense, Present Perfect Tense, Past Continuous Tense, Past Perfect Tense, Future Continuous Tense, Future Perfect Tense, Present Participle, Past Participle, Future Participle, Preposition F/B, Rewrite the Sentences (follow the handout and worksheet for grammar) Creative Writing: Composition, Comprehension (unseen) (Similar to work done in worksheet, CW and HW exercise books)
6.	Bangla Literature	বই : আমার বাংলা বই গল্প: ১. “শখের মৃৎশিল্প” (পৃষ্ঠা: ৩৪-৪০), ২. সুন্দরবনের প্রাণী (পৃষ্ঠা: ১০-১৫) কবিতা: ১. ঘাসফুল। (পৃষ্ঠা: ৭৩-৭৫), ২. দুই তীরে (পৃষ্ঠা: ৯১-৯৪) (প্রশ্ন/উত্তর, শব্দার্থ, যুক্তবর্ণ, বাক্য গঠন, শব্দার্থ, শব্দার্থ, মূলভাব, টীকা, ব্যাখ্যা, কবিতা, কবি পরিচিতি, বানান ও শ্রুতলিপি) (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)
7.	Bangla Language	বই : ভাষা শিক্ষা ও বাংলা ব্যাকরণ ১) সন্ধি বিচ্ছেদ, ২) বিপরীত শব্দ, ৩) বাগধারা, ৪) সমোচ্চারিত শব্দ ৫) এককথায় প্রকাশ, ৬) অনুবাদ (ইংরেজি থেকে বাংলা /বাংলা থেকে ইংরেজি), ৭) ভাব সম্প্রসারণ , ৮) সারাংশ/ সারমর্ম ৯) অনুচ্ছেদ , ১০) চিঠি/ দরখাস্ত , ১১) রচনা । (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)
8.	Science	Book: Focus Science (Falcon Series 5th Edition) Unit 3# Matter and Materials: 9. More about Matter Pg# 78 Unit 4#Environment: 10. Soil. Pg# 87, 12. Air and Water. Pg# 102, 14. Natural Disasters. Pg# 120, 15. Moon Pg# 127. Worksheets provided. (Similar to work done in worksheet, CW and HW exercise books)
9.	Bangladesh Studies	Book: Discovering Bangladesh Book II: Chapter 3: The rise and fall of the Mughal Empire of Bengal: Unit:3.1-Unit: 3.5 Chapter 7: Development of Bangla language and literature: Unit:7.1- 7.4 (pg-84- 87), Unit 7.7: (pg-90-91) Chapter 8 : Land ,Water and the Environment: Unit-8.5–8.11 : (pg:102-112) & U-8.13(pg:116) Type of Assessment: Q/A, F/B, T/F, Short notes, Matching, Handouts and Worksheets provided. (Similar to work done in worksheet, CW and HW exercise books)
10.	History	Book: The Oxford History Project Book 1: Chapter 5: Ancient Egypt: Unit-Egypt and the Nile - Home and family life in Egypt (pg:42-49). Chapter 6: Early Civilization in India: Unit-The Indus Civilization - Life in Asoka’s Time (Pg:52-59) Chapter 7: Ancient Greece: Unit-The Minoan Civilization - The spread of Greek civilization (Pg:62-83) Type of Assessment: Q/A, F/B, T/F, Short notes, Matching, Handouts and Worksheets are provided. (Similar to work done in worksheet, CW and HW exercise books)

11.	Geography	<p><u>Text Book: Understanding Geography 2 by Longman:</u></p> <p>Chapter-6: Creating Deserts: 6.1- Losing to the Deserts, 6.2- Fighting Desertification, 6.3- Case Study of Shahel in Africa</p> <p>Chapter-7: Polluting our Environment 7.1- Pollution, 7.2- Human Causes Pollution, 7.3- Consequences of Pollution</p> <p>Chapter-8.1: Changing our Global Climate Chapter-9.1: Our Earth at Risk 9.2: Conserving for the Future</p> <p>(Worksheets and handout provided) (Similar to work done in worksheet, CW and HW Exercise books)</p>
12.	Computer Science	<p><u>Book Name: Cambridge Terabytes Book 5:</u></p> <p>Chapter 1: Computer Evolution [Pg. 1- 12] Chapter 8: Multimedia Around Us[Pg. 94-105] Chapter 9: Coding Club: Scratch Basics [Pg. 106-119] Chapter 10: Coding Club: Scratch Next Steps[Pg. 120-131] Worksheets are provided.</p> <p>(Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
13.	Religious Studies	<p><u>Text Book : Islam & Moral Education – For class Five</u></p> <p>Chapter : Three (Akhlaque), Akhlaque-e-Hamidah : (pages 64-79), Chapter: Five -The life of Prophet Hazrat Muhammad (PBUH) (page:108), Surah Al Kausar (page: 103), Worksheet and Handout provided.</p> <p>(Similar to work done in worksheet, CW and HW exercise books)</p>
14.	Art	<p>Topics: Independence Day, Fruits of Bangladesh, Cactus arrangement, Sea sunrise scenery, Language movement, Rice cutting scenery, Fruit fair.</p>



Wordbridge School

Playgroup to A Level

Final Term Syllabus

Session: 2022-2023

Class-VI

Sl.	Subject	Syllabus
1.	Arithmetic	<u>Book: New Syllabus Mathematics 1 (5th Edition):</u> Chapter 8: Percentage Chapter 9: Ratio, Rate and Speed Chapter 14: Surface area and volume of cylinder. (Worksheets and handout provided) (Similar to work done in worksheet, CW and HW Exercise books)
2.	Algebra	<u>Book: New Syllabus Mathematics Book 1 (7th edition)</u> Chapter 6: Functions and Linear Graphs (Page 136-167): 6.1 Cartesian Coordinates, 6.2 Functions. Ex 6A, 6.3 Graphs of Linear Functions. Ex 6B, 6.4 Gradient of a Straight Line. Ex 6C, 6.5 Applications of Linear Graphs in Real World Context. Ex 6D. Chapter 7: Number Patterns (Page 174-187): 7.1 Number Sequences. Ex 7A, 7.2 General Term of a Number Sequence, 7.3 Number Patterns, 7.4 Number Patterns in Real-World Context. Ex 7B. (Similar to work done in worksheet, CW and HW Exercise books)
3.	Geometry	<u>Book: New Syllabus Mathematics Book 1 (7th edition)</u> Chapter 11: Triangles, Quadrilaterals and polygons (Page 280-314): 11.2-Quadrilaterals. Ex 11B, 11.3 Polygons. Ex 11C Chapter 13: Perimeter and Area of Plane Figures (Page 340-356): 13.1-Conversion of Units, 13.2-Perimeter and Area of Basic Plane Figures. Ex 13A 13.3-Perimeter and Area of Parallelograms. 13.4-Perimeter and Area of Trapeziums. Ex 13B Topic: Finding the area and perimeter of shaded and unshaded figures (Similar to work done in worksheet, CW and HW Exercise books)
4.	English Literature	<u>Text Book: A Magic Place, Book-6:</u> Home on the Veld (pg. 33), Taipan by the Tail (pg. 97), Priyanka's Little Turtle (pg.47), Scaring A Ghost (pg-149), Daffodils (pg.09) W/M, Make Sentences, F/B, Q/A (Handout & Worksheet provided) Text Book: Shakespeare Alive, Book-1: A Midsummer Night's Dream (pg.91-152) W/M, Make Sentences, Q/A, Who said to whom? (Similar to work done in worksheet, CW and HW Exercise books)
5.	English Language	Similes, Homophones, Adjectives with suffixes, Relative Pronouns, Habitual Past Tense, Active & Passive Voice, Present Continuous Tense, Prepositions F/B, Rewrite the Sentences (follow the handout and worksheet for grammar) Text Book: Oxford Progressive English, Book-6: Unit 5 – Sights & Sounds, Unit 6 – Lions and Tigers, Unit 7 – Searching, Unit 8: Advances in Technology. Creative Writing: Autobiography, Postcard, Composition, Comprehension (unseen) (Similar to work done in worksheet, CW and HW Exercise books)

6.	Bangla Literature	<p><u>বইঃ চারু পাঠ</u> গল্প:১. “ কতকাল ধরে” আনিসুজ্জামান। ২. “ নীলনদ আর পিরামিডের দেশ” সৈয়দ মুজতবা আলী। কবিতা:১.“মুজিব” রোকনুজ্জামান খান, ২.” পাখির কাছে ফুলের কাছে” আল মাহামুদ (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
7.	Bangla Language	<p>বই : ভাষা শিক্ষা ১) সন্ধি বিচ্ছেদ, ২) বিপরীত শব্দ, ৩) বাগধারা, ৪) সমোচ্চারিত শব্দ ৫) এককথায় প্রকাশ) ৬) অনুবাদ (ইংরেজি থেকে বাংলা /বাংলা থেকে ইংরেজি), ৯) ভাব সম্প্রসারণ, ১০) সারাংশ/ সারমর্ম , ১১) অনুচ্ছেদ , ১২) চিঠি/ ইমেইল, ১৩) রচনা । (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে) ।</p>
8.	Biology	<p><u>Book: New Biology for you (Updated edition):</u> Chapter 5: Breathing and Respiration (Pg# 62-77) Chapter 6: Blood and circulation (Pg# 78-95) Chapter 7: Homeostasis and Excretion (Pg# 96-107) Handout and Worksheets are provided. (Similar to work done in worksheet, CW and HW Exercise books)</p>
9.	Chemistry	<p><u>Book: New Coordinated Science (3rd Edition), Chemistry for Higher Tier</u> <u>Rose Marie Gallagher & Paul Ingram</u> Chapter 4: Metals (Pg# 54-65): 4.01: Metals and the periodic table, 4.03: Group 1- the alkali metals, 4.04: Patterns within Group 1, 4.05: The transition metals, 4.06: Metals and reactivity. Chapter 5: Extracting metals (Pg#72-78 & 88): 5.01: Metals in the Earth crust, 5.02: Extracting metals from their ores, 5.03: Making use of metals, 5.08: Corrosion Chapter 6: The Non-metals (Pg# 94-98): 6.01: The non-metal groups in the periodic table, 6.02: Reactions of the Halogens. Worksheets are provided. (Similar to work done in worksheet, CW and HW Exercise books)</p>
10.	Physics	<p><u>Book: Physics for Higher Tier (3rd Edition)-Stephen Pople:</u> Chapter 4- Rays and Waves: 4.01-Rays of Light (pg-84,85), 4.02-Flat Mirrors (pg-86,87), 4.03-Bending Light (pg-88,89), 4.04-Internal Reflections (pg-90,91) , 4.05- Waves (pg-92,93), 4.06-Ripples of Water and Light(pg-94,95), 4.07-Electromagnetic Waves (pg-96,97), 4.09-Sound Waves (pg-100,101), Chapter 5 – Electricity: 5.01-Electricity in Action (pg-122,123), 5.02-Circuits and Currents (pg-124,125), 5.03- Voltage (pg-126,127), 5.04-Resistance(pg-128,129), 5.07-Solving Circuits (pg-134,135), Handouts provided (Similar to work done in worksheet, CW and HW Exercise books)</p>
11.	Bangladesh Studies	<p><u>Book: Discovering Bangladesh Book II:</u> Chapter 9: Vegetation and Wildlife: Unit-9.1-9.3: (pg-118-127), Unit-9.5 (pg-125-127), Unit-9.7-9.8: (pg: 129-130). Chapter 12: Population and settlement: Unit12.1-12.6: (pg:158--163) Chapter 15 : Fundamental Rights and Citizenship: Unit-15.1 – 15.4:Our Fundamental Rights (pg:182-189) Type of Assessment: Q/A, F/B, T/F, short notes and matching. Handouts and Worksheets are provided.) (Similar to work done in worksheet, CW and HW Exercise books)</p>

12.	History	<p><u>Book: The Oxford History Project Book II:</u></p> <p>Chapter 3: Life in the Middle Ages: Unit-The Feudal System - Daily life in the Middle Ages (pg:32-41), The Guilds. (pg: 44-45).</p> <p>Chapter 6: The voyages of discovery: Unit-The effects of the voyages of discovery: the sea road to the East (Pg:78-89), The effects of the voyages of discovery: the new world.</p> <p>Chapter 7: The Renaissance: Unit-Renaissance - The Renaissance Man: Leonardo da Vinci (Pg:92-103).</p> <p>Chapter 8: The Reformation: Unit-The causes of the Reformation - The Reformation : Luther and the Protestant Church (pg:106-109), Type of Assessment: Q/A, F/B, T/F, short notes and matching.</p> <p>Handouts and Worksheets are provided. (Similar to work done in worksheet, CW and HW Exercise books)</p>
13.	Geography	<p><u>Text Book: Understanding Geography 3 by Longman:</u></p> <p>Chapter-5.1: Earth's Natural Vegetation Chapter 5.2: Tropical Forest Chapter 5.3: Temperate Forest Chapter 6.1: Pieces of the Earth Chapter 6.2: The Art of Mountain Building Chapter 6.3: The Power of Volcanoes Chapter 6.4: Tremors of the Earth Chapter 7.1: Rocks-Earth's Materials Atlas work (As done in the class) (Worksheets and handout provided) (Similar to work done in worksheet, CW and HW Exercise books)</p>
14.	Computer Science	<p><u>Book Name: Cambridge Terabytes Book 6:</u></p> <p>Chapter 4: Create a Spreadsheet on Microsoft Excel 2010 [Pg. 55-69] Chapter 5: Edit cell contents [Pg. 70-81] Chapter 6: Format Cell Contents [Pg. 82-92] Chapter 7: Communication Using Emails [Pg. 93-107] Worksheets are provided. (Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
15.	Religious Studies	<p><u>Text Book: Islam and Moral Education class six:</u></p> <p>Chapter-3 :- Lesson -6 Sura An-Nas Chapter-4 :- Lesson – 1 to 7-Akhlaq, Akhlaq-e Hamidah, Truthfulness, Duty Towards parents, Duty towards Relatives, Duty towards Neighbors, Respect to Elders and affection to youngers, Good manners with classmates Akhlaque-Zamimah : Falsehood, Disrespecting parents , Gibat, Abuse Chapter-5:- Ideal Biography – Lesson-4 The life of Hazrat Khadiza (Ra.) Worksheet and Handout provided. (Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>
16.	Moral Studies	<p><u>Book: Lessons for Life -6</u></p> <p>Chapter 8: Being Kind – A Poem College Chapter 9: Respecting Difference – Empowering the Different – abled. Chapter 10: Being peaceful – A Christmas Poem Chapter 12: Being United – A Song Again</p>
17.	Art	<p>Topics: Rice cutting scenery, Independence day, Summer fruits market, Rainy Day, Boishakhi Mela.</p>



Wordbridge School

Playgroup to A Level

Final Term Syllabus

Session: 2022-2023

Class-VII

Sl.	Subject	Syllabus
1.	Arithmetic	<p><u>Book: New Syllabus Mathematics 1(5th Edition):</u> Topic: Speed, Distance and Time, Topic: Rate, Volume and Surface area of Cuboid, Cube, Sphere, Cone, Cylinder, Prism, Pyramid, (Worksheets and handout provided) (Similar to work done in worksheet, CW and HW Exercise books)</p>
2.	Algebra	<p><u>Book: New Syllabus Mathematics Book 2 (7th edition):</u> Chapter 5: Quadratic Equations and Graphs (Page 121-139): 5.1 Solving Quadratic Equations by Factorization. Ex 5A, 5.2 Applications of Quadratic Equations in Real-World Contexts. Ex 5B, 5.3 Graphs of Quadratic Functions. Ex 5C Chapter 6: Algebraic Fractions and Formulae (Page 145-159): 6.1 Algebraic Fractions. 6.2 Multiplication and Division of Algebraic Fractions. Ex 6A, 6.3 Addition and Subtraction of Algebraic Fractions. Ex 6B, 6.4 Manipulation of Algebraic Formulae. Ex 6C (Similar to work done in worksheet, CW and HW Exercise books)</p>
3.	Geometry	<p><u>Book: New Syllabus Mathematics Book 2 (7th edition):</u> Chapter 9: Trigonometric Ratios (Page 233-251): 9.1 Trigonometric Ratios. Ex 9A, 9.2 Applications of Trigonometric Ratios to Find Unknown Sides of Right-Angled Triangles. Ex 9B, 9.3 Applications of Trigonometric Ratios to Find Unknown Angles in Right-Angled Triangles. Ex 9C, Topic: Angles formed between parallel lines and transversal (similar to work done in worksheet, C.W. and H.W. copy) Topic: Construction : Construction of Perpendicular Bisectors, Construction of Angle Bisectors, Construction of the following angles (60°, 90°, 120°), Construction of triangles. (Similar to work done in worksheet, CW and HW Exercise books)</p>
4.	English Literature	<p><u>Text Book: A Magic Place, Book-7:</u> Stopping by the Woods on a Snowy Evening (pg.11), Tom Comes Home (pg.122), The Blue Carbuncle (pg.111), The Last Night (pg.159) W/M, Make Sentences, F/B, Q/A (Handout & Worksheet provided) Text Book: The Tempest – William Shakespeare: Act 3 – Act 5 (pg.111-189), W/M, Make Sentences, Q/A, Who said to whom? (Similar to work done in worksheet, CW and HW Exercise books)</p>

5.	English Language	<p>Text Book: Oxford Progressive English, Book-7:</p> <p>Unit 5 – Danger, Unit 6 – Lesson, Unit 7 – Water</p> <p>Grammar: Similes, Synonyms & Antonyms, Personifications, Hyperboles (Handout & Worksheet provided), Creative Writing: Composition (unseen)</p> <p>Directed Writing: Letter (unseen), Comprehension (unseen)</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
6.	Bangla Literature	<p>বইঃ সপ্তবর্ণা</p> <p>গল্প: ১. “রোকেয়া সাখাওয়াত” সেলিনা হোসেন, ৩. “ছবির রং” হাশেম খান।</p> <p>কবিতা: ১. “সাম্য” সুফিয়া কামাল, ২. “কুলি মজুর” কাজী নজরুল ইসলাম।</p> <p>(শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
7.	Bangla Language	<p>বইঃ ভাষা শিক্ষা</p> <p>১) বিপরীত শব্দ, ২) সন্ধি বিচ্ছেদ ৩) বাগধারা, ৪) সমোচ্চারিত শব্দ, ৫) এককথায় প্রকাশ, ৬) অনুবাদ (ইংরেজি থেকে বাংলা /বাংলা থেকে ইংরেজি), ৭) ভাব সম্প্রসারণ, ৮) সারাংশ/ সারমর্ম, ৯) অনুচ্ছেদ, ১০) চিঠি/ ইমেইল, ১১) রচনা।</p> <p>(শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
8.	Biology	<p>Book: Biology For Hier Tier. (3rd Edition):</p> <p>Chapter 5: Feeding and Digestion: Units:5.01: What you eat turns you into you pg 116, 5.02: Food pg 118, 5.03: More about food pg 120, 5.04: A balanced diet and health. Pg122, 5.05: Feeding the world’s billions pg 124, 5.06: Digestion pg 126, 5.07: A closer look at digestion Pg 128, 5.08: Absorption and the liver.pg 130.</p> <p>Chapter 6: Senses and co- ordination: Units:6.01: The amazing body machine II pg 136, 6.02: Touch, taste and smell Pg 138, 6.03: The eye pg 140, 6.04: Vision pg 142, 6.05: More about senses pg 144, 6.06: The nervous system pg146, 6.07: More about nervous system pg 148. Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
9.	Chemistry	<p>Book : Chemistry Made Clear, R Gallagher and P Ingram (Oxford)</p> <p>Chapter 3 (Pg# 40-49): 3.1: Why compound are formed, 3.2: The ionic bond 3.3: Some other ions, 3.4: The covalent bond, 3.5: Ionic and molecular solids 3.6: The metals and carbon.</p> <p>Chapter 5 (Pg# 70-71): 5.4: Different types of chemical reaction.</p> <p>Chapter 7 (Pg# 86-87): Rates of reaction, Explaining rates (Pg#94-95)</p> <p>Chapter 10 (Pg# 130-133,136,138-143 & 148) : 10.1: Metals and non-metals 10.2: Metals and reactivity, 10.4: The reactivity series, 10.5: Metals in the Earth’s crust, 10.6: Extracting metals, 10.7: Making use of metals, 10.10: Corrosion.</p> <p>Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>

10.	Physics	<p><u>Book Name: Physics for You Keith Johnson</u></p> <p>Chapters: Electricity :30 – Static Electricity (pg: 241-247), 31 – Circuits (pg: 248-257), 34-Magnetism (pg: 280-285), 35-magnetic effect of a current (pg: 286-287),</p> <p>Chapter: Waves: Light and Sound : 21 – Waves (pg: 166-170), 22- Light (pg: 171-175), 23- Reflection (pg: 176-180), 25-Refracton (pg: 184-191), 29 – Sound (pg: 224-229)</p> <p>Handouts provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
11.	Bangladesh Studies	<p><u>Book: Discovering Bangladesh Book III (Part-I):</u></p> <p>Chapter 6: The rise of All-out Bengali nationalism in the 1960s:</p> <p>Unit: 6.3 - Unit: 6.5 (pg: 82 – 96)</p> <p>Chapter 10:The United Nations, the Non-Aligned Movement and the Organization of Islamic Cooperation : Unit 10.1- 10.5 (Pg:153-161)</p> <p>Chapter 11: SAARC : Unit 11.1- 11.4(Pg:163-166)</p> <p>Type of Assessment : Q/A, F/B,T/F, Matching, MCQ, Short Note</p> <p>(Similar to work done in the worksheets, H.W and C.W exercise books. Handouts and Worksheets are provided.)</p>
12.	History	<p><u>Book: Oxford History Project Book III</u></p> <p>Chapter 4 : Asia: China in the 18th and 19th centuries - The self-strengthening Movement (pg:66-71), Japan before 1868 - South-east Asia (pg:74-85).</p> <p>Chapter 5: The twentieth century: The world in 1900 (pg:88-89). The causes of World War I - World War I (pg: 96-99), The effect of World War I (pg: 102-103)</p> <p>Type of Assessment: Q/A, F/B,T/F, short notes, matching.</p> <p>(Similar to work done in the worksheets, H.W and C.W exercise books. Handouts and Worksheets are provided.)</p>
13.	Geography	<p><u>Book: Voyage Geography for the Middle School (Class VIII)</u></p> <p>Chapter-5 Natural and Man-made Disasters</p> <p>Chapter-6 Disaster management</p> <p>Chapter-8 Asia-Climate and Natural Vegetation</p> <p>Chapter-10 India- Climate and Natural Vegetation</p> <p>(Worksheets and handout provided)</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
14.	Computer Science	<p><u>Book: Cambridge Terabytes-Connect with Computers 7</u></p> <p>Chapter 6:Website Designing: HTML Basics, pg-76</p> <p>Chapter 7:Website Designing: HTML Next Steps, pg- 94</p> <p>Chapter 8:Animation Basics: Adobe Flash CS3, pg- 109</p> <p>Chapter 9:Enliven your Characters in Flash, pg- 126</p> <p>Chapter 11:Coding Club: Next Steps, pg-157</p> <p>Handout topics: Lists and Tuples</p> <p>Practical lab class: Creating loops in python, Input and conditional statements in python, Creating list and tuple in python and Creating webpages using HTML.</p> <p>Handouts and Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>

15.	Religious Studies	<p><u>Text Book: Islam and Moral Education class seven:</u></p> <p>Chapter: Three - lesson -9 (Surah Al-Lahab) (pg-70),</p> <p>Chapter: Two - lesson -3 (Salat of Eid) pg-33-36,</p> <p>Chapter- Four : Akhlaque – Akhlaque –e- Hamidah and Akhlaque –e- Zamimah (pg- 82-103) Worksheet and Handout provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
16.	Art	<p>Topics: Pithapuli Scenery, Village fair, Victory day, Probhat ferry, The Genocide, Boishakhi rally.</p>



Wordbridge School

Playgroup to A Level

Final Term Syllabus

Session: 2022-2023

Class-VIII

Sl.	Subject	Syllabus
1.	Arithmetic	<p><u>Book: New syllabus Mathematics</u></p> <p>Chapter 6: Trigonometry: Unit 6.2: Area of triangle (pg-181), Unit 6.3: Sine Rule Unit 6.4: Cosine Rule.</p> <p>Chapter 8: Arc length, area of sector, and Radian measure: Unit 8.1 Length of Arc, Unit 8.2 Area of Sector, Unit 8.3 radian measure (pg-82-113)</p> <p>Book: D. Rayner : Percentage (Ex-21,22), Trigonometry (page- 184 to 189) Handouts provided (Similar to work done in worksheet, CW and HW Exercise books)</p>
2.	Algebra	<p><u>Book: Extended Mathematics for IGCSE by David Rayner</u></p> <p>Chapter 5: Algebra 2 (Pg 153 - 173), 5.1 Algebraic Fractions. Ex 1 to 3, 5.2 Changing the subject of a formula. Ex 4 to 9, 5.3 Variation. Ex 10, 11, 5.4 Indices. Ex 12 to 14, 5.5 Inequalities. Ex 15 to 17 (Similar to work done in worksheet, CW and HW Exercise books)</p>
3.	Geometry	<p><u>Book : New Syllabus Mathematics 3</u></p> <p>Chapter 10: Area and Volume of similar and solids: Unit 10.1 Area of similar figures, Unit 10.2 Volume of similar Solids.</p> <p>Chapter 11: Geometrical Properties of Circles: Exercise - 11B</p> <p><u>Book: Mathematics for IGCSE:</u> Chapter: Construction & Loci. Handouts provided. (Similar to work done in worksheet, CW and HW Exercise books)</p>
4.	Add Math	<p><u>Book: New Syllabus Additional Mathematics (7th Edition)</u></p> <p>Simultaneous Equations, Surds, Indices and Logarithms, Factor and Remainder Theorem, Identities, Cubic Factorization, Quadratics: Completing the squares Discriminant, Quadratic Inequalities, Coordinate Geometry, Binomial Expansions</p>
5.	Economics	<p><u>Book: Economics O'level Course book by Susan Grant.</u></p> <p>Chapter-1: The basic economic problem: Unit 1.1-Unit 1.2, Chapter-2: The factors of production: Unit 2.1-Unit 2.3 Chapter-3: Opportunity cost: Unit 3.1-Unit 3.2 Chapter-4: Production possibility curve diagrams (PPC): Unit 4.1-Unit 4.4 Chapter-5: The allocation of resources: Unit 5.1-Unit 5.2 Chapter-6: The role of markets in allocating resources: Unit 6.1-Unit 6.3 Chapter-7: Demand: Unit 7.1-Unit 7.4 Chapter-8: Supply: Unit 8.1-Unit 8.4 Chapter-9: Price determination: Unit 9.1 Chapter-10: Price changes: Unit 10.1-Unit 10.2</p>

6.	Accounting	<p><u>Book: Introduction to double entry bookkeeping</u></p> <p>Part-1: 1. The accounting equation and the balance sheet, 2. The double entry system for assets, liabilities and capital, 3. The asset of stock, 4. The effect of profit or loss on capital and the double entry system for expenses and revenues, 5. Balancing off accounts, 6. The trial balance.</p> <p>Part-2: 7. Books of original entry and ledgers, 8. Cash books, 9. The analytical petty cash book, 10. Accounting for sales, purchases and returns, 11. The journal</p>
7.	English Literature	<p><u>Text Book: Julius Caesar:</u> Act-I, Scene I-III, Plot Overview, Theme, Character Analysis, Explanation, Q/A, MCQ, Quiz, (Handout & Worksheet provided)</p> <p>Text Book: Selected Poems: Caged Bird, Nothing Gold can Stay, Summary, Explanation, Q/A (Similar to work done in worksheet, CW and HW Exercise books)</p>
8.	English Language	<p><u>Text Book: Oxford Progressive English, Book-8:</u> Unit 5 – Railways, Unit 6 – Food, Unit 8 – Money</p> <p>Grammar: Similes, Synonyms & Antonyms, Personifications, Hyperboles, Alliterations, (Handout & Worksheet provided)</p> <p>Creative writing: Narrative Essay, Descriptive Essay (unseen)</p> <p>Directed writing: Article, Speech, Letter (unseen)</p> <p>Comprehension (unseen)</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
9.	Bangla Literature	<p><u>বই : সাহিত্য কণিকা</u> গল্প : ১."শিল্পকলার নানাদিক" মুস্তফা মনোয়ার, ২."এবারের সংগ্রাম স্বাধীনতার সংগ্রাম" বঙ্গবন্ধু শেখ মুজিবুর রহমান , কবিতা: ১."একুশের গান" আব্দুল গাফফার চৌধুরী, ২."মানবধর্ম" লালন শাহ (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
10.	Bangla Language	<p><u>বই : ভাষা শিক্ষা এবং An Introduction to O level Bengali</u> ১) সন্ধি বিচ্ছেদ ২) বাগধারা, ৩) প্রবাদ প্রবচন, ৪) ইমেইল/চিঠি, ৫) এম, সি, কিউ, ৬) প্রতিবেদন, ৭) অনুবাদ (ইংরেজি থেকে বাংলা /বাংলা থেকে ইংরেজি), ৮) অনুচ্ছেদ, ৯) বাক্য রূপান্তর ১০) রচনা। (শ্রেণির কাজ, বাড়ির কাজ, শ্রেণি পরীক্ষা ও ওয়ার্কশীটে করা কাজের অনুরূপে)</p>
11.	Biology	<p><u>Book: Federal Biology (A course for O level):</u> Chapter 7: Nutrition in Plants: Pg. 99-115, Chapter 8: Transport in Mammals: Pg. 120 -131 Chapter 10: Respiration and Breathing: pg. 161-178 Chapter 12: Homeostasis: Pg 194-199 Worksheets are provided. (Similar to work done in the Worksheet, CW, HW Exercise Books.)</p>

12.	Chemistry	<p><u>Book: Cambridge IGCSE Chemistry Course book (4th Edition)</u></p> <p>Chapter 5: Acids, bases and salts: Unit 5.1 to 5.8 (pg 119 – 138)</p> <p>Chapter 6: Relative Atomic & Relative formula Mass: Unit 6.1 (pg 152 – 155)</p> <p>Chapter 6: Moles Calculations: Unit 6.2 to 6.4 (pg 158 – 166)</p> <p>Chapter 7: Rate of reaction: Unit 7.2 (pg 181 – 187)</p> <p>Handouts provided</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
13.	Physics	<p><u>Book Name: Cambridge O Level Physics by David Sang Graham Jones</u></p> <p>Chapter 09–The kinetic model of matter. (pg: 90-101)</p> <p>Chapter 12 – Sound (pg: 128-137)</p> <p>Chapter 13 – Light: (pg: 138-146)</p> <p>Chapter 14– Properties of Waves</p> <p>Unit 17 – Static Electricity (pg:260-269)</p> <p>Chapter 18 – Electrical Quantities: (pg: 191-197)</p> <p>Chapter 19 –Electric Circuits: (pg: 205,210,211)</p> <p>Handouts provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
14.	Bangladesh Studies	<p><u>Book: Discovering Bangladesh Book III (Part-II):</u></p> <p>Chapter 9: Resources: Unit: 9.1- 9.2: (pg-171 - 172), Unit: 9.5 & 9.6: (pg-176-179).</p> <p>Chapter 11 : Agriculture in Bangladesh: Unit-11.1- 11.4 : (pg:198- 209)</p> <p>Chapter 12 : The Growth of Industries in Bangladesh: Unit-12.1- 12.4: (pg: 211-215), Unit-12.5: (pg: 221-222).</p> <p>Type of Assessment- Q/A, F/B,T/F, Matching, MCQ, Short Notes</p> <p>(Similar to work done in the worksheets, H.W and C.W exercise books. Handouts and Worksheets are provided.)</p>
15.	Computer Science	<p><u>Book: Cambridge IGCSE Computer Science:</u></p> <p>Paper – I: Topics:</p> <p>Chapter 2: Data transmission, pg-45</p> <p>Chapter 3: Hardware, pg-75, 3.2.1 Barcode scanners, pg – 88, Quick response (QR) codes, pg– 90,</p> <p>3.2.3 Sensors, pg– 111,</p> <p>Chapter 4: Software, pg-147</p> <p>Paper- II:</p> <p>Chapter 10: Boolean Logic, pg-356</p> <p>Handouts and Worksheets are provided.</p> <p>(Similar to work done in worksheet, CW and HW Exercise books)</p>
16.	Art	<p>Topics: Liberation War, Probhat Ferry, Rivers and Hills, Boishakhi Mela, Independence Day, Rice Threshing Scenery.</p>