

**G. D. GOENKA WORLD SCHOOL  
CAMBRIDGE LOWER SECONDARY  
YEARLY CURRICULUM  
GRADE – 7**

<b>SUBJECT</b>	<b>SEMESTER 1 SYLLABUS</b>	<b>SEMESTER 2 SYLLABUS</b>
<b>ENGLISH</b>	<p><b>CAMBRIDGE CHECKPOINT ENGLISH-8 COURSEBOOK</b></p> <p>Unit 1- Fire Unit2-Games and Sports Unit 3- Water Unit 4-The Feast Unit-5 Other Lives</p> <p><b>CAMBRIDGE CHECKPOINT ENGLISH-8 WORKBOOK</b></p> <p>Unit 1- Fire Unit2-Games and Sports Unit 3- Water Unit 4-The Feast Unit 5- Other Lives Unit 6-The Race</p>	<p><b>CAMBRIDGE CHECKPOINT ENGLISH-8 COURSEBOOK</b></p> <p>Unit6- The Race Unit 7- Time and History Unit 8- Exotic Places Unit 9-Travel and Transport Unit 10-Animal Behaviour</p> <p><b>CAMBRIDGE CHECKPOINT ENGLISH-8 WORKBOOK</b></p> <p>Unit 7- Time and History Unit 8-Exotic Places Unit 9-Travel and Transport Unit 10- Animal Behaviour Unit 11-Music and Dance</p>

	<b>Composition</b> 1. Letter writing 2. Creative writing 3. Diary entry 4. News report 5. Leaflets 6. Article Writing	<b>Composition</b> 1. Letter writing 2. Creative writing 3. Diary entry 4. Advertisement 5. Article Writing
<b>ESL</b>	UNIT 1- LANGUAGES OF THE WORLD UNIT 2 - E -COMMUNICATION UNIT 3-RIVER AND COASTS UNIT 4-GREAT EXPEDITIONS UNIT 5- SPORTS AND HOBBIES UNIT6 - ENTERTAINMENT AND MEDIA UNIT - 7 HOUSEHOLD ROUTINES UNIT8-HABITAT INTERACTIONS UNIT9- BUILDINGS AND STRUCTURES UNIT 10- SHAPE AND DESIGN There will be 3 papers - Writing , Reading & Listening	UNIT 11- PERSONALITY TYPES UNIT 12- PEOPLE AND THEIR JOBS UNIT 13 SHOPS AND SERVICES UNIT 14 POSSESSIONS AND PERSONAL SPACE UNIT 15 -NATURAL DISASTERS UNIT 16 - WORLD WAR 1 UNIT 17 SUMMER VACATION UNIT 18 USE OF ENGLISH  There will be 3 papers - Writing , Reading & Listening
<b>MATHEMATICS</b>	<b>CHAPTERS</b> Chp 1- Place Value, ordering and rounding	<b>CHAPTERS</b> Chp1. - Place value, ordering and rounding

	<p>Chp 2- Expressions, equations and formulae</p> <p>Chp 3- Congruency and properties of two-dimensional shapes</p> <p>Chp 4- Measures and motion</p> <p>Chp 5- Collecting and displaying data</p> <p>Chp 6- Calculations and mental strategies 1</p> <p>Chp 8- Integers, powers and roots</p> <p>Chp 9- Equations and simple functions</p> <p>Chp 10- Constructions</p> <p>Chp11. - Transformations</p> <p>Chp 12- Statistical calculations</p> <p>Chp 13- Calculations and mental strategies 2</p>	<p>Ch2. - Expressions, equations and formulae</p> <p>Chp3. - Congruency and properties of two - dimensional shapes</p> <p>Chp4. - Measures and motion</p> <p>Chp5. - Collecting and displaying data</p> <p>Chp6. - Calculations and mental strategies 1</p> <p>Chp8. - Integers, powers and roots</p> <p>Chp9. - Equations and simple functions</p> <p>Chp10. - Constructions</p> <p>Chp11. - Transformations</p> <p>Chp12. - Statistical Calculations</p> <p>Chp 13. - Calculations and mental strategies 2</p> <p>Chp15. - Fractions decimals and percentages</p> <p>Chp16. - Sequences , functions and graphs</p> <p>Chp17.- Angle properties</p> <p>Chp18.- Area and volume</p> <p>Chp19.- Interpreting data and graphs</p> <p>Chp20. - Calculations and mental strategies 3</p> <p>Chp22. - Ratio and proportion</p> <p>Chp23.- Formulae and substitution</p> <p>Chp24.- Enlargement and scale drawing</p> <p>Chp25. - Nets and surface area</p> <p>Chp26. - Probability</p> <p>Chp27. - Calculations and mental strategies 4</p>
<b>SCIENCE</b>	<p><b>BIOLOGY</b></p> <p>Chapter 1 - How plants grow</p> <p>Chapter 2 - A healthy diet</p> <p>Chapter 3 - Digestion</p> <p>Chapter 4 - The circulatory system</p>	<p><b>BIOLOGY</b></p> <p>Chapter 5 - Respiratory system continued</p> <p>Chapter 6 - Reproduction in humans</p> <p>Chapter 7 - Diet, drugs and diseases</p>

	<p><b>Chapter 5 - Respiratory system</b></p> <p><b>CHEMISTRY</b></p> <p><b>Chapter 8 - The particle theory</b>  <b>Chapter 9 - Elements and atoms</b>  <b>Chapter 10 - Elements, compounds and mixtures</b></p> <p><b>PHYSICS</b></p> <p><b>Chapter 13 - Speed</b>  <b>Chapter 14 - Sound</b></p>	<p><b>CHEMISTRY</b></p> <p><b>Chapter 11 - Metals and non - metals</b>  <b>Chapter 12 - Chemistry in everyday life</b></p> <p><b>PHYSICS</b></p> <p><b>Chapter 15 - Light</b>  <b>Chapter 16 - Magnetism</b></p> <p><b><u>Note: In Semester 2 entire syllabus will come</u></b></p>
<p><b>SOCIAL STUDIES</b></p>	<p><b>HISTORY</b></p> <p><b>Faith and reason</b>  <b>The Catholic Church</b>  <b>Critics of the Church</b>  <b>Martin Luther</b>  <b>The Tudor period</b>  <b>Henry VII</b>  <b>Henry VIII and the English Reformation</b>  <b>Religion in the reign of Edward VI</b>  <b>The reign of Mary 1</b>  <b>The Counter Reformation</b>  <b>Persecution and toleration</b></p> <p><b>GEOGRAPHY</b></p>	<p><b>HISTORY</b></p> <p><b>Agriculture 175-1914</b>  <b>Industrialization</b>  <b>The Textile industry</b>  <b>Road Transport</b>  <b>Coal mining</b>  <b>Railways</b>  <b>Working conditions</b>  <b>Factory Reforms</b>  <b>Living conditions</b>  <b>Public Health</b></p> <p><b>GEOGRAPHY</b></p>

	<p> <b>What is weathering?</b>  <b>What is erosion?</b>  <b>How do rivers shape the land?</b>  <b>What causes waterfall?</b>  <b>What happens on a river bend?</b>  <b>What types of economic activity are there?</b>  <b>What are the main types of farming?</b>  <b>What are high tech industries?</b>  <b>Where is high-tech industries located?</b>  <b>What are Asia's main physical features?</b>  <b>What are Asia's main human features?</b>  <b>World issues</b>  <b>What is the water / food problem?</b>  <b>The economic activity enquiry</b> </p> <p> <b>Key Skills</b>  <b>How can we use an atlas?</b>  <b>How can we describe physical features on a map?</b>  <b>How can we describe human features on a map?</b>  <b>How can we use diagrams in geography?</b> </p>	<p> <b>How does the sea shape the coast?</b>  <b>What is the coastal erosion problem?</b>  <b>How can coastal erosion be reduced?</b>  <b>Are we evenly spread?</b>  <b>What affects where we live?</b>  <b>Where do we live?</b>  <b>How does population change?</b>  <b>What is migration?</b>  <b>What are the effects of migration?</b>  <b>What is the tourist industry?</b>  <b>Where do the tourists go?</b>  <b>What are India's main physical features?</b>  <b>What are India's main population features?</b>  <b>How interdependent is India?</b>  <b>World issues</b>  <b>What is the poverty problem and how it can be reduced?</b>  <b>The population enquiry</b> </p> <p> <b>Key Skills</b>  <b>How can we use an atlas?</b>  <b>How can we describe physical features on a map?</b>  <b>How can we describe human features on a map?</b>  <b>How can we use diagrams in geography?</b>  <b>What do choropleth maps show?</b>  <b>What are population pyramids?</b> </p>
<p><b>FRENCH</b></p>	<p><b>TOPICS</b></p> <p> <b>Description of weather</b>  <b>Description of seasons</b>  <b>Description of preferred sports</b> </p>	<p><b>TOPICS</b></p> <p> <b>Description of a meal</b>  <b>Description of a healthy meal</b>  <b>Description of a festival</b> </p>

	<p>Description of weekend  Description of a city (Indian and French)  Directions  Description of Time  Description of school  Description of daily routine and school routine  Description of school subjects</p> <p><b>GRAMMAR</b></p> <p>Les adjectifs  Les verbes (ER, IR, RE, IRREGULIERS)  Les prépositions  Les articles (Indéfinis, définis, contractés, partitifs)  Les verbes Réflexives  Présent  Impérative  Les Adjectifs Interrogatifs  Les Adjectifs Possessifs</p>	<p>Description of preferred sports activity  Description of hobbies  Description of a memorable day</p> <p><b>GRAMMAR</b></p> <p>Présent Progressif  Passé Récent  Future Proche  Les Adjectifs Démonstratifs  La négation  L'interrogation  La Comparaison  Passé Composé</p>
<b>SPANISH</b>	<p>Description of House, Parts of house  verb vivir, gustar; Parts of house, Things in room,  Prepositions.  Reflexives, Daily routine, polideportivos.  Revision, Sports, Verb Ir  City Description</p>	<p>Giving directions, Verb IR, Tomar, Seguir, Different parts  of city  Telling weather, Seasons,sports, Verb Practicar, Jugar  Leisure time, Weekend plans,Verb Ver, hacer  Out station trip, Message, Letter, Email.  Revision</p>
<b>GERMAN</b>	<p><b>Modal 3</b></p> <p>Lektion 1 (Was isst du in der Pause?)</p>	<p><b>Modal 4</b></p> <p>Lektion 1 (Kannst du Inlineskaten ?)</p>

	<p>To express one's own preferences and dislikes about the same, Verbs: essen, nehmen, brauchen, finden, suchen, sehen, geben, fahren, Nominativ ( Definite and Indefinite artikel ), Akkusativ( Definite and Indefinite artikel )</p> <p>Lektion 2 (Meine Schulsachen) Negation: „kein“ , to discuss likes and dislikes about school subjects, Use of preposition „am“ with weekdays, Personal pronouns (accusative), W-Frage,</p> <p>Lektion 3 (Was gibt es im Fernsehen?) Formal Time, articles and e-mail.</p> <p>Lektion 4 (Um wie viel Uhr stehst du auf? ) Compound words, Separable Verbs, Prepositions of time „um“ , „am“, Difference, „Uhr“/„ Stunde“, Daily routine, Interviews, E-mails, Reading Comprehension.</p>	<p>To discuss hobbies, modal verbs: können, müssen, wollen, Connected and non-connected words, to name articles of clothing and personal Belongings.</p> <p>Lektion 2: (Wem gehört das Fahrrad ?) Verbs: gehören, Possessive pronouns in nominative and accusative . case, dativ case, to name the sessions and months, to name the landforms, to discuss holiday destinations, Interrogative pronoun: wem, wann, wen, warum, Interrogative pronoun of place wohin"? and time wann?</p> <p>Lektion 3: ( Wohin gehst du in Urlaub ?) Modalverb : sollen, Verb: werden, Imperative, Personal pronouns in accusative case, preposition „für“+ accusative, Date ( Ordinal numbers), Weather report,</p> <p>Lektion 4: (Alles Gute Zum Geburtstag ) Birthday Invitation, Interviews, Artikel E-mails, Reading Comprehension</p>
<p><b>HINDI</b></p>	<p>उत्कर्ष</p> <ol style="list-style-type: none"> <li>1. वीर (कविता)</li> <li>2. निर्णय का अभिवादन</li> </ol>	<p>उत्कर्ष</p> <ol style="list-style-type: none"> <li>1. बंदनी जननी !</li> <li>2. असीम अजीम प्रेम जी</li> </ol>

	<p><b>हिन्दी व्याकरण</b></p> <ol style="list-style-type: none"> <li>1. वर्णमाला</li> <li>2. गिनती</li> <li>3. क्रिया</li> <li>4. क्रियाविशेषण</li> <li>5. वाक्य विचार</li> <li>6. वाक्य शुद्धि</li> <li>7. पर्यायवाची शब्द</li> <li>8. विपरीतार्थी शब्द</li> <li>9. अपठित गद्यांश</li> <li>10. निबंध लेखन</li> <li>11. पत्र लेखन</li> <li>12. डायरी लेखन</li> <li>13. कहानी लेखन</li> <li>14. चित्र लेखन</li> <li>15. संवाद लेखन</li> <li>16. रिपोर्ट लेखन</li> </ol>	<p><b>हिन्दी व्याकरण</b></p> <ol style="list-style-type: none"> <li>1. कारक</li> <li>2. वाक्य के भेद</li> <li>3. अनेकार्थक शब्द</li> <li>4. अनेक शब्दों के लिए एक शब्द</li> <li>5. मुहावरे और लोकोक्तियाँ</li> <li>6. अपठित गद्यांश</li> <li>7. निबंध लेखन</li> <li>8. पत्र लेखन</li> <li>9. रिपोर्ट लेखन</li> <li>10. चित्र लेखन</li> </ol>
<b>ICT</b>	<p><b>CHAPTERS</b></p> <p>CHAPTER- 1 NUMBER SYSTEM</p>	<p><b>CHAPTERS</b></p> <p>CHAPTER- 6 GRAPHICS IN QBASIC Screen, Color, Line, Circle, PSET, PRESET, COLOR, PAINT</p>



	<p>Representation of numbers, Conversions, Binary Addition , Binary Subtraction, Binary Multiplication, Binary Division</p> <p><b>CHAPTER- 2    ADVANCED FORMATTING IN MS EXCEL</b> Sorting data in excel ,Filter data in a range or table, Charts</p> <p><b>CHAPTER- 3    WORKING WITH FLASH</b> Understanding layers, Animations,</p> <p><b>CHAPTER- 4    INTRODUCTION TO PHOTOSHOP</b> Starting Photoshop, Components of photoshop, Overview of the Tools Panel ,Opening a file in photoshop , Creating a new Photoshop document Changing background and Foreground Colours</p> <p><b>CHAPTER- 5    DRAWING WITH PHOTOSHOP</b> Moving an image , Copying an image ,Brush tool, Eraser Tool, Healing Brush Tool, Blur Tool, Gradient tool, Clone stamp Tool ,pattern Stamp tool, Text Tool ,Moving the Text ,add a drop shadow to text</p>	<p><b>CHAPTER- 7    INTRODUCTION TO VISUAL BASIC</b> Starting Visual Basic, Components Of the visual Basic Window, Developing an Application , Saving a Project in Visual Basic, Opening a Project in Visual Basic ,Inserting More controls</p> <p><b>CHAPTER- 8    HTML</b> HTML tags , Rules for coding in HTML, Container and empty tags, HTML structure, My first HTML CODE, Executing my first HTML code, Changing background image, Changing font Size, colour and Style</p> <p><b>CHAPTER- 9    COMPUTER VIRUS</b> Who writes viruses and why? How do viruses enter into the Computer system? How do you understand that the system is attacked by virus? Types Of Viruses , Antivirus</p> <p><b>CHAPTER-10   COMMUNICATION ON INTERNET</b> Communication Methods , Skype, Social Networking</p>
<p><b>VISUAL ART</b></p>	<p>Recapitulating the concepts of picture making Theme based drawings Recapitulating Properties of Colour</p> <ul style="list-style-type: none"> <li>• Colour Theory and Colour Wheel</li> <li>• Colour usage in various mediums</li> </ul> <p>Using complementary colours and making pictures 1)Observational drawings of objects while:-</p>	<p>Encouraging usage of learned techniques of picture-making Projects:- a) Narrative scroll paintings 'Still Life' Collages A fortnight of fun:-</p>

	<ul style="list-style-type: none"> <li>• <b>Using black &amp; white</b></li> </ul> <p><b>Using crayons</b></p> <p><b>2) Looking at 'Still Life' compositions by famous artists from the West/India-getting inspired by their work and making pictures</b></p> <p><b>Discussing ideas to progress with for the examinations: Experimentation on theme based topics by using paper stencils or drawn shapes where necessary- inspired by natural forms.</b></p> <p><b>Making one complete painting to be assessed</b></p> <p><b>Examination - Graded progress</b></p>	<p><b>a) The class sits in predetermined circles</b></p> <p><b>b) The teacher tells a story and then each group gets a hand out with a scene from the story printed on it</b></p> <p><b>c) Each group enacts the scene</b></p> <p><b>d) Each group now draws ideas from the scenes seen by them and makes an illustration</b></p> <ul style="list-style-type: none"> <li>• <b>Collage-making based on animals either living or extinct.</b></li> </ul> <p><b>Research on the Internet and bring ideas to class.</b></p> <p><b>Discussions on various techniques learned and implementation of the same in paintings related to themes of the pupils' choice with three preparatory drawings and one final painting</b></p> <p><b>Grading of the above for final examinations</b></p>
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