

WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

ENGLISH: CLASS – VIII

New Oxford Modern English (OUP) Book – 8

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	Ice-Breaking at the Session Commencement [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling] (Pages 2-5) Unit:1 When I Heard the learned Astronomer , Reading Comprehension, Vocabulary & Exercises	<u>Introduction of students with his/her classmates, teachers, students and school environment</u> <u>Spring Day</u> Activity: Poster making on the topic “anaphora”
2	(Pages 6-10) Unit:1 A Shot in the Dark , Reading Comprehension and Vocabulary	<u>Two minutes talk by 2-3 children in each class daily revealing their talents and building their confidence</u>
3	(Pages 10-15) Unit:1(contd): Exercises Letter Writing: Page 15	<u>Talk on National Security</u> Activity: Poster making on the topic “ellipsis”
4	(Pages 16-20) Unit 1: The Newcomer , Reading Comprehension, Vocabulary & Exercises	Discussion: Do human treat animals with fairness?
5	(Pages 21-25) Unit 2: The Silver Lining , Reading Comprehension and Vocabulary	<u>Importance of Labour Day</u>
6	(Pages 26-29) Unit 2 (contd): Exercises	<u>Celebration of Mother's Day</u>
7	(Pages 30-32) Unit 2: The Solitary Reaper , Reading Comprehension, Vocabulary & Exercise A (1), (2)	<u>Importance of Ramadan</u> Activity: Composing a poem keeping in mind rhyme , stress and metre
8	(Pages 33-35) Unit 2 (contd): Exercises Exercise A (3), B, C, D, E	<u>Teacher will guide the students to develop their personal diaries / Scrap books observations to record their Summer vacation activities (no Specific format or layout)</u>
9	REVISION OF ALL CORE CONCEPTS	<u>Sharing the Summer vacation diaries etc.</u>
10	(Pages 36-38) Unit:3 The Adventure of the Dying Detective , Reading Comprehension and Vocabulary	<u>Importance of Eid ul Azha</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
11	(Pages 39-45) Unit:3 The Adventure of the Dying Detective , Reading Comprehension and Vocabulary and Exercises	<u>Celebration of Independence Day</u> Role Play: Doctor and Patient
12	(Pages 46-50) Unit:4 Extreme Weather , Reading Comprehension, and Vocabulary	
13	(Pages 51-54) Unit:4 Extreme Weather , Reading Comprehension Vocabulary and Exercises A, B	
14	(Pages 54-57) Unit:4 (contd) : Exercises C,D,E	<u>Defence Day Celebrations</u> Project: Making a travel brochure
15	(Pages 58-63) Unit: 4 Children Understand Him , Reading Comprehension, Vocabulary & Exercises	<u>Importance of Ashora-e-Moharram</u>
16	(Pages 64-67) Unit:5 Dreaming of the Dawn Wall , Reading Comprehension and Vocabulary	
17	(Pages 67-73) Unit:5 (contd) : Exercises	Project : Page 73
18	(Pages 74-80) Unit : 5 Last Lesson of the Afternoon , Reading Comprehension, Vocabulary & Exercises	<u>Celebration of World Teacher's Day</u>
19	REVISION OF ALL CORE CONCEPTS	
20 – 21	MID- TERM EXAMINATION	
22	(Pages 81-83) Unit: 6 The Ant-Lion , Reading Comprehension and Vocabulary	
23	(Pages 84-88) Unit:6 (contd) : Exercises Letter Writing: Exercise E	<u>Celebration of Iqbal's Day</u>
24	(Pages 89-93) Unit: 6 On the Grasshopper and Cricket , Reading Comprehension, Vocabulary & Exercises	<u>Importance of Rabi-ul Awal and Seert-un-Nabi</u> Activity: Composing a poem
25	(Pages 94-97) Unit: 7 A Boy's Best Friend , Reading Comprehension and Vocabulary	Discussion: Robots
26	(Pages 97-101) Unit:7 (contd) : Exercises	
27	(Pages 102-106) Unit: 7 Going for Water , Reading Comprehension, Vocabulary & Exercises	Activity: Composing a poem, Exercise E

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
28	(Pages 107-114) Unit 8: B. Wordsworth, Reading Comprehension, Vocabulary and Exercise A..... Omit (Pages 114-117) Unit 8: (contd) Exercises B,C,D,E	Activity: Poster making about "homonyms"
29	(Pages 118-125) Unit: 9 Skimblehanks: The Railway Cat , Reading Comprehension, Vocabulary & Exercises	<u>National Resolve Day to Promote Education</u> Project : Page 125
30	(Pages 126-129) Unit: 9 Diary of a Nobody , Reading Comprehension and Vocabulary	<u>Celebration of Quaid's Day</u> Activity: Diary Writing
31	(Pages 130-135) Unit: 9 (contd): Exercises	
32	(Pages 136-141) Unit: 09 If , Reading Comprehension, Vocabulary & Exercises	<u>Talk on Discipline Hardwork and Motivation</u> Activity: Poster making about " acronyms"
33	(Pages 142-146) Unit: 10 A Helpless Situation , Reading Comprehension and Vocabulary	
34	(Pages 147-152) Unit: 10 (contd): Exercises	
35	(Pages 153-159) Unit: 10 The Inchcape Rock , Reading Comprehension, Vocabulary & Exercises	<u>Kashmir Day</u> Discussion: Exercise E
36	(Pages 160-163) Unit: 11 Twelfth Night (or What you will) , Reading Comprehension and Vocabulary	
37	(Pages 164-166) Unit: 11 (contd): Exercises	Activity: Role Play related to the unit
38	Revision (Preferably through conceptual activities where possible)	<u>Farewell Party</u>
39 - 40	ANNUAL EXAM (PLAIN AREAS)	

Total Textbook Pages = 166

Number of Pages Omitted = 07

% Omission in Course Content = 4.2%

1. **Unit 8: B. Wordsworth**(Pages 107-113)

Note: Teachers are strongly recommended to collect "**Guidelines for Teachers**" from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

MATHEMATICS: CLASS – VIII

Countdown

Book-8

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;">Ice-Breaking at the Session Commencement <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>(Pages 2-5) Recapitulation....An overview is to be given only. <i>This part is non examinable.</i></p> <p>(Pages 6-12) Unit 1: Operations on Sets, Sets of Numbers, Subsets, Power Set, Union and Intersection of Three Sets, Commutative properties of Sets, Exercise 1 (Associated Topics)</p>	<p><u>Introduction of students with his/her class mates, Teachers and School environment</u> <u>Celebration of Spring Day</u></p>
2	<p>(Pages 13-20) Unit 1 (Contd) : Associative properties of Sets, Distributive property of Union over Intersection, Distributive property of Intersection over Union, De Morgans Laws, Exercise 1, MCQs 1</p>	<p><u>Two minutes talk by 2-3 students in each class daily revealing their talents and building their confidence</u></p>
3	<p>(Pages 21-25) Unit 2: Squares and Square Roots, Irrational Numbers, Squares, Perfect Squares, Properties of Squares and Perfect Squares, Square Roots of Natural Numbers, Exercise 2 (Associated Topics)</p>	<p><u>Talk on National Security</u></p>
4	<p>(Pages 26-31) Unit 2 (Contd) : Square Roots of Decimals, Square Roots of Vulgar Fractions, Exercise 2, MCQs 2</p>	
5	<p>(Pages 32-42) Unit 3: Cubes and Cube Roots, Cubes, Perfect Cubes, Properties of Cubes, Cube Roots, Cube Roots of Perfect Cubes, Cube Roots of Negative Integers, Cube Roots of Rational Numbers, Exercise 3, MCQs 3</p>	<p><u>Importance of Labour Day</u></p>
6	<p>(Pages 43-47) Unit 4: Number Systems, The Binary System, Convert a Binary Number to the Decimal Number System, Convert a Base 5 Number to the Decimal Number System, Exercise 4 (Associated Topics)</p>	<p><u>Celebration of Mother's Day</u></p>
7	<p>(Pages 48-55) Unit 4 (Contd) : , Convert a Base 8 Number to the Decimal Number System, Convert a Number from the Decimal Number System to the Binary Number System, Convert a Number from the Decimal Number System to the Base 5 Number System, Convert a Number from the Decimal Number System to the Base 8 Number System, Addition, Subtraction, and Multiplication of Base 2, Base 5 and Base 8 Numbers, Exercise 4, MCQs 4</p>	<p><u>Importance of Ramadan</u></p>
8	<p>(Pages 56-66) Unit 5: Exponents and Radicals, Laws of Indices, Numbers with Rational Exponents, Surds, Operations with Exponents and Radicals, Exercise 5, MCQs 5</p> <p>(Pages 67-69) Revision:Numbers, Test Paper 1 Omit</p>	<p><u>Teacher will guide the students to develop their personal diaries / observations to record their summer vacation activities (no specific format or layout)</u></p>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	(Pages 70-75) Unit 6:Logarithms , Indices, Standard Form and scientific Notation, Logarithms, Exercise 6 (Associated Topics)	<u>Sharing the Summer Vacation diaries etc</u>
10	(Pages 76-81) Unit 6 (Contd): Laws of Logarithms, First, Second and Third Laws of Logarithms, Exercise 6, MCQs 6	<u>Importance of Eid ul Azha</u>
11	(Pages 82-93) Unit 7:Profit, Loss, Insurance and Taxes , Percentage Profit, Percentage Loss, Percentage Discount, Insurance, Life Insurance, Health Insurance, Vehicle Insurance, TaxesExercise 7, MCQs 7	<u>Celebration of Independence Day</u>
12	(Pages 94-110) Unit 8:Compound Proportion and Banking , Overview be given through activity and visit to Local Bank, the Chapter is non-examinable (Pages 111-122) Unit 9: Stocks and Shares.....Omit	Activity: Visit nearest Bank and learn about Bank Accounts, Compound Interest, Banking Instruments and Services, Currency Conversion and Financial Services
13	(Pages 123-126) Unit 10: Averages: Types of Averages, Simple Average, Weighted Average, Exercise 10 (Associated Topics)	
14	(Pages 127-131) Unit 10 (Contd): Average Speed, Exercise 10, MCQs 10 (Page129) Questions 10 and 13.....Omit (Page 132) Test Paper 2.....Omit	<u>Celebration of Defense Day</u>
15	(Pages 133-138) Unit 11: Matrices , Types of Matrices, Transposition of a Matrix, Exercise 11 (Associated Topics)	<u>Importance of Ashora-e-Moharram</u>
16	(Pages 139-146) Unit 11 (Contd): Equality of Matrices, Addition and Subtraction of Matrices, Exercise 11, MCQs 11	
17	(Pages 147-154) Unit 12: Operations on Polynomials , Multiplication of Polynomials, Exercise 12a	
18	(Pages 154-158) Unit 12 (Contd): Division of Polynomials, Exercise 12b, MCQs 12	<u>Celebration of World Teacher's Day</u>
19	(Pages 175-179) Unit 15: Basic Operations on Algebraic Fractions , Exercise 15, MCQs15	
20-21	MID TERM EXAM (PLAIN AREAS)	
22	(Pages 159-165) Unit 13: Algebraic Identities , Cubes of the Sum and Difference of Two Terms, Exercise 13a	
23	(Pages 165-167) Unit 13 (Contd): Special Products, Exercise 13b, MCQs 13	<u>Celebration of Iqbal's Day</u>
24	(Pages 168-170) Unit 14: Factorization of Algebraic Expressions , Exercise 14a	<u>Importance of Rabi ul Awal and Seerat-un-Nabi</u>
25	(Pages 170-174) Unit 14 (Contd): Factorization of $ax^2 + bx + c$ Expressions in the form Exercise 14b, MCQs 14	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
26	(Pages 180-184) Unit 16: More Simple Equations , Equations involving Algebraic Fractions, Exercise 16a, Real Life Problems involving Simple Equations, Exercise 16b, MCQs 16	
27	(Pages 185-190) Unit 17: Simultaneous Equations , Simple Linear Equations, Simultaneous Linear Equations, Solving Simultaneous Linear Equations by Elimination Method, Exercise 17 (Associated Topics)	
28	(Pages 191-197) Unit 17 (Contd): Solving Simultaneous Linear Equations by Substitution Method, Real Life Problems involving Simultaneous Equations, Exercise 17, MCQs 17 (Pages 198-199) Revision: Algebra.....Omit (Pages 200-201) Test Paper 3.....Omit	
29	(Pages 202-208) Unit 18: Symmetry..... Omit (Pages 209-213) Unit 19: Practical Geometry , Lines and Angles, Polygons, Quadrilaterals, Parallelogram, Exercise 19 (Associated Questions)	<u>National Resolve Day to promote Education</u>
30	(Pages 214-218) Unit 19 (Contd): Lines and Angles, Polygons, Quadrilaterals, Parallelogram, Exercise 19 (Associated Questions)	<u>Celebration of Quaid's Day</u>
31	(Pages 219-224) Unit 19 (Contd): Tangent to a Circle at a given point on it, Tangent to a Circle from a point outside it, Exercise 19	Activity: Find the circumference and diameter of different circular shapes
32	(Pages 225-230) Unit 20: Axioms, Postulates, and Propositions , Demonstrative Geometry, Reasoning, Axioms and Postulates, Propositions or Theorems, Theorems, Exercise 20 (Associated Questions)	<u>Talk on Discipline Hardwork and Motivation</u>
33	(Pages 231-237) Unit 20 (Contd): Theorems, Exercise 20 (Pages 237-238) Exercise 20, Questions 11-14.....Omit	
34	(Pages 239-243) Unit 21: Area and Volume , Hero's Formula, Right Circular Cone, Net of a Cone, Surface Area of a Cone, Volume of a Cone, Sphere, Exercise 21 (Associated Questions)	Project Asking the students to estimate the cost of paving the lawns in their schools
35	(Pages 244-249) Unit 21 (Contd): Surface Area of a Sphere, Volume of a Sphere, Exercise 21, MCQs 21	<u>Kashmir Day</u>
36	(Pages 250-262) Unit 22: Trigonometry , Pythagoras Theorem, Verification of the Theorem, Finding The Measurements Of The Sides Of A Right Angled Triangle Using Pythagoras Theorem, Trigonometric Ratios, Finding Measuremet of a Right Angled Triangle, Exercise 22, MCQs 22	
37	(Pages 263-276) Unit 23: Information Handling , Frequency Distribution, Collection of Data, Direct Personal Investigation, Indirect Oral Investigation, Schedules and Questionnaires, Classification and Tabulation of Data, Graphical Representation of Data, Bar Graphs, Histograms, Measures of Central Tendency, Mean, Weighted Mean, Median, Mode, Exercise 23, MCQS 23 (Pages 277-279) Test Paper 4.....Omit	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
38	Revision (Preferably through conceptual activities where possible)	<u>Farewell Party</u>
39 - 40	ANNUAL EXAM (PLAIN AREAS)	

Note: Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

GENERAL SCIENCE: CLASS - VIII

Science Fact File

Book - 3

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p>Ice-Breaking at the Session Commencement <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>Unit 1 WORK AND ENERGY (Pages 2-8) work, energy and work, potential energy, kinetic energy, radiated energy</p>	<p><u>Introduction of students with his/her classmates, Teachers and School environment</u></p> <p><u>Celebration of spring</u></p>
2	<p>Unit 1 (contd) (Pages 9-15) sound energy, electrical energy, converting energy, energy converters, test yourself, exercise</p>	<p><u>Two minutes talk by 2-3 children in each class daily revealing their talents and building their confidence</u></p>
3	<p>Unit 2 REPRODUCTION IN PLANTS (Pages 16-22) pollination, fertilization, seeds and fruits, germination,</p>	<p><u>Talk on National Security</u> Practical demonstration of concept: Planting a seed in transparent disposable glass to observe stags of germination</p>
4	<p>Unit 2 (contd) (Pages 22-29) cloning in plants, micropropagation and tissue culture, exercise</p>	
5	<p>Unit 3 REACTION OF METALS (Pages 30-35) understanding the properties of metals, how do metals react, the reactivity series,</p>	<p><u>Importance of Labour Day</u></p>
6	<p>Unit 3 (contd) (Pages 35-37) displacement reactions-making use of the reactivity series, metals from the earth</p>	<p><u>Celebration of Mother's Day</u></p>
7	<p>Unit 3 (contd) (Pages 38-40) Extracting metals from their ores, corrosion</p>	<p><u>Importance of Ramadan</u> Documentary: Related to extraction of metal ores</p>
8	<p>Unit 3 (contd) (Pages 40-45) Beating corrosion using alloys, exercise</p>	<p><u>Teacher will guide the students to develop their personal diaries/scrap book/observations to record their summer vacation activities (no specific format or layout)</u></p>
9	<p style="text-align: center;">REVISION</p>	<p><u>Sharing the Summer Vacation diaries etc.</u></p>
10	<p>Unit 4 SPEEDING UP (Pages 46-50) what do we mean by speed? Speed-time graphs,</p>	<p><u>Importance of Eid ul Azha</u> Drawing: speed time graph</p>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
11	Unit 4 (contd) (Pages 51-53) changing speed and direction, acceleration,	<u>Celebration of Independence Day</u>
12	Unit 4 (contd) (Pages 53-54) gravity, falling, and air resistance	Practical demonstration of concept: free falling
13	Unit 4 (contd) (Pages 55-59) exercise	
14	Unit 5 WHERE DOES OUR FOOD COME FROM? (Pages 60-64) fertilizers, too much fertilizer, competition. Only overview to be given. The content is Non-Examinable .	<u>Defence Day Celebration</u>
15	Unit 5 (contd) (Pages 65-75) knocking out the competition, DDT-a bad insecticide, creating perfect conditions for plant growth, exercise. Only overview to be given. The content is Non-Examinable .	<u>Importance of Ashora-e-Moharram</u>
16	Unit 6 WATER (Pages 76-78) the water cycle, water pollution,	Awareness Program of Water Saving 3-D Model making of water cycle
17	Unit 6 (contd) (Pages 79-83) sewage treatment, a clean water supply, uses of water	Discussion on water saving activities
18	Unit 6 (contd) (Pages 84-87) exercise	<u>Celebration of World Teacher's Day</u>
19	REVISION	
20-21	MID-TERM EXAM (PLAIN AREA)	
	REVISION	
22	Unit 7 ELECTRICITY AND ENERGY (Pages 88-93) energy arrows, power supplies and voltage, resistance, controlling the current	
23	Unit 7 (contd) (Pages 93-97) electricity in the home, safety and electricity, choosing fuses,	<u>Celebration of Iqbal's day</u> Making habit of switching off lights & fans while leaving
24	Unit 7 (contd) (Pages 98-101) paying for electricity, energy for everyday use	<u>Importance of Rabi ul Awal and Seerat-un-Nabi/</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
25	Unit 7 (contd) (Pages 102-107) Energy production: the bad news, exercise	Model: Hydroelectricity
26	Unit 8 MORE ORGAN SYSTEMS (Pages 108-115) The nervous system, the hormones system	Model of any Organ System included in the syllabus
27	Unit 8 (contd) (Pages 116-121) the human excretory system, exercise	
28	Unit 9 SALTS (Pages 122-125) salts can be formed by several methods,	Activity : Visiting Chemistry Lab & Producing Salt
29	Unit 9 (contd) (Pages 126-127) acids and metal carbonates	<u>National Resolve Day to promote education</u>
30	Unit 9 (contd) (Pages 128-130) acids and metal oxides, titration,	<u>Celebration of Quaid's Day</u>
31	Unit 9 (contd) (Pages 130-135) some common salts and their uses, exercise	Model: Hydraulic Machines
32	Unit 10 PRESSURE AND MOMENTS (Pages 136-141) pressure in gases, pressure in liquids	<u>Talk on Discipline, Hardwork and Motivation</u> Practical demonstration of concept: balance and stability
33	Unit 10 (contd) (Pages 142-146) hydraulic machines, levers and moments, moments in balance	
34	Unit 10 (contd) (Pages 146-153) balance and stability, exercise	
35	Unit 11 MICROBES AND DISEASE (Pages 154-159) useful microbes, harmful microbes,	<u>Kashmir Day</u>
36	Unit 11 (contd) (Pages 160-167) how diseases spread, defenses against disease, exercise	
37	Unit 12 ENVIRONMENTAL CHEMISTRY (Pages 168-183) soil, looking after a vital resource, air pollution acid rain, global warming, so what are we doing about it, exercise. Only overview to be given. The content is Non-Examinable .	Discussion: causes of air pollution
38	Revision	<u>Farewell Party</u>
39- 40	ANNUAL EXAM (PLAIN AREA)	

Note: Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

COMPUTER SCIENCE: Class – VIII

Right Byte (OUP)

Book-3

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p>Ice-Breaking at the Session Commencement <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p>(Pages1-4) Unit 1: More on Number System, Introduction, Multiplication of binary numbers, Division of binary numbers, Examples</p>	<p><u>Introduction of students with his/her classmates, Teachers and School environment</u></p> <p><u>Spring Day</u></p>
2	<p>(Pages 5–9) Unit 1 (contd) : Conversion of decimal numbers into octal numbers, examples, conversion of decimal numbers into hexadecimal values, examples, conversion of octal numbers into decimal numbers, Conversion of hexadecimal values into decimal numbers, Related Questions</p>	<p><u>Two minutes talk by 2-3 children in each class daily revealing their talents and building their confidence</u></p> <p>Cleaning / Decoration of Classroom Competition</p>
3	<p>(Pages:10 – 17) Unit 2: Working on Word, Introduction, inserting a Comment, Inserting a watermark, Using tables, Inserting a table, Formatting a table (adding / deleting rows & columns, Merging cells, sorting a table, text wrapping,</p>	<p><u>Talk on National Security</u></p>
4	<p>(Pages 17–21) Unit 2 (contd): Arranging text in columns, inserting pictures (Clip Art, From file, from scanner or digital camera), Exercise</p>	
5	<p>(Pages 22–30) Unit 3: Working with spreadsheets, Introduction and review, conditional formatting, Greater than, less than, greater than or equal to, less than or equal to, Inserting functions (IF function).</p>	<p><u>Importance of Labour Day</u></p>
6	<p>(Pages 31–36) Unit 3 (contd):, The Power function, SQRT function, Product function and Inserting Chart (Bar chart)</p>	<p><u>Celebration of Mother’s Day</u></p>
7	<p>(Pages 37–42) Unit 3 (contd):Inserting Chart (Line, and Pie) and Summary</p>	<p><u>Importance of Ramadan</u></p>
8	<p>(Pages 43–45) Unit 3 (contd): Related Questions.</p>	<p><u>Teacher will guide the students to develop their personal diaries/scrap book/observations to record their summer vacation activities (no specific format or layout)</u></p>
9	<p>Revision of previous concepts</p>	<p><u>Sharing the Summer Vacation diaries etc.</u></p>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
10	(Pages 46–50) Unit 4: Problem Solving , Introduction, Step by step approach to problem solving, Examples.	<u>Importance of Eid ul Azha</u>
11	(Pages 51–56) Unit 4 (contd) : Repetition, The WHILE ... DO statement, The REPEAT ... UNTIL statement.	<u>Celebration of Independence Day</u>
12	(Pages 57–59) Unit 4 (contd) : Related Questions	
13	(Pages 60–65) Unit 5: Introduction to Programming , Introduction, Programs and Programming Language, BASIC (A user friendly programming language), Commands and Statements, Constants and Variables and The different types of Operators.	
14	(Pages 65–69) Unit 5 (contd) : The importance of Syntax, The types of Errors (Logical Errors, Syntax Errors), Related Questions,	<u>Defence Day Celebration</u>
15	(Pages 70–74) Unit 6: Programming in GWBASIC , Introduction, Important Commands in GWBASIC (CLS, LIST, LOAD, SAVE, RUN), Important Statements in GWBASIC (REM, INPUT, PRINT), Examples	<u>Importance of Ashora-e-Moharram</u>
16	(Pages 74–75) Unit 6 (contd) : The LOCATE statement, LET statement, READ and DATA statement,	
17	(Pages 76–79) Unit 6 (contd) : The LOCATE statement, LET statement, READ and DATA statement, the IF ... THEN ... ELSE, GOTO and END statement, Examples, Creating programs in GW BASIC	
18	(Pages 79–83) Unit 6 (contd) : Summary and Related Questions	<u>Celebration of World Teacher's Day</u>
19	REVISION OF ALL CORE CONCEPTS	
20-21	MID-TERM EXAM (PLAIN AREAS)	
22	Revision of core concepts (Pages 84– 87) Unit 7: Data Verification and Validation , Introduction, Data integrity, Common types of Errors, Typing Errors, Transmission Errors and Programming Errors	
23	(Pages 87–93) Unit 7 (contd) : Data Verification, Data validation, Validation Checks, Alphabetic and Numeric, Consistency, Completeness, Table Lookup, Range, Spelling and Grammar Checks and Questions	<u>Celebration of Iqbal Day</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
24	(Pages 94–97) Unit 8: Data Protection and Security , Introduction, data protection and security, Common security issues, data privacy, identity theft, data integrity, Forms of security threats.	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
25	(Pages 98–100) Unit 8 (contd) : Hacking, Phishing , Adware and spyware, Sources of security threats, computer viruses, Trojan horses, worms, common modes of security threats, infected drives and devices	
Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
26	(Pages 100–105) Unit 8 (contd) : Email Attachments, Insecure Web Sites, Pirated Software, Antivirus Software and How to scan a Computer for Viruses?, Related Questions	
27	Revision of previous concepts	
28	(Pages 107–108) Unit 9: Application of Computers , Introduction and Automation, Automation in Manufacturing, Computer Aided Design (CAD and CAM)	
29	(Pages 109–110) Unit 9 (contd) : Database and Database Systems, Types of Database Systems, The paperless office, Advantages and Disadvantages of Paperless Office and Telecommuting.	<u>National Resolve Day to promote Education</u>
30	(Pages 111–112) Unit 9 (contd) : Database and Database Systems, Types of Database Systems, The paperless office, Advantages and Disadvantages of Paperless Office and Telecommuting.	<u>Quaid's Day Celebration</u>
31	(Pages 113-116) Unit 9 (contd) : Communicating with Computers, Online Chatting, Blogging, Web Conferencing, Social Networking, Internet Marketing, New jobs in the Technology Sector (Software Programmers, Network Administrators, Call centre Professionals), Continuous Learning.	Discussion on Development of empathy and caring for needy people
32	(Pages:117 – 119) Unit 9 (contd) : Related Questions. (Pages 120-133) Unit 10 : (non-examinable)	<u>Talk on discipline, hardwork and motivation</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
33	(Pages 134–138) Unit 11: The Future of Technology, introduction , Robots, Application of Robots, Manufacturing. Science and Medicine, Entertainment, Advantages of Robots, Disadvantages of Robots, Wireless Communication, Advantages of Wireless Communications, Personal area Network (PANs).	Building Confidence by discussion
34	(Pages 139–144) Unit 11: The Future of Technology, introduction , Satellite Communication, The Global Position System (GPS) and A vision of the future.	
35	(Pages 144–147) Unit 11 (contd): Summary and related Questions.	<u>Kashmir Day</u>
36	(Pages 148-152) Unit 12: Creating Web Pages: Writing instructions in HTML, Creating a web page in HTML, Inserting an image.	
37	(Pages 152–156) Unit 12 (contd): Writing instructions for a web page, Saving and uploading the HTML code and Exercise. (Pages 157-159) Glossary	
38	Revision (Preferably through conceptual activities where possible)	<u>Farewell party</u>
39 - 40	ANNUAL EXAM (PLAIN AREAS)	

Note: Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

SOCIAL STUDIES: CLASS - VIII

Secondary Social Studies for Pakistan (OUP)

Book - 3

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	Ice-Breaking at the Session Commencement [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling] (Pages 1-2) Chapter 1: The Universe, Sun and Planets	<u>Introduction of students with his/her classmates, Teachers and School environment</u> <u>Spring Day</u>
2	(Pages 3-5) Chapter 1: The Universe, The Solar System, The Moon	<u>Two minute talk by 2-3 children in each class daily revealing their talents and building their confidence</u>
3	(Pages 6-7) Chapter 1 (contd): Eclipses , Questions and Activities	<u>Talk on National Security</u>
4	(Pages 8-10) Chapter 2: The Earth, Continents, Finding Places on a Map	
5	(Pages 10-12) Chapter 2: (contd), Finding Places on a Map	<u>Importance of Labour Day</u>
6	(Pages 12-18) Chapter 2 (contd): Oceans, Uses of oceans	<u>Celebration of Mother's Day</u>
7	(Pages 19-20) Chapter 2 (contd): Uses of oceans	<u>Importance of Ramadan</u>
8	(Pages 21-22) Chapter 2 (contd): Weathering and its main causes, Questions and Activities	<u>Teacher will guide the students to develop their personal diaries/scrap book/observations to record their summer vacation activities (no specific format or layout)</u>
9	REVISION OF ALL CORE CONCEPTS (Pages 23-25) Chapter 3: Major Climatic Regions of the World, Monsoon Climate, Mediterranean Climate	<u>Sharing the Summer Vacation diaries etc.</u>
10	(Pages 25-29) Chapter 3 (contd) : Tundra, Equatorial Climate	<u>Importance of Eid ul Azha</u>
11	(Pages 29-31) Chapter 3 (contd): Temperate Grasslands, The Seasons	<u>Celebration of Independence Day</u>
12	(Pages 32-33) Chapter 3 (contd): The Seasons, Questions and Activities	
13	(Pages 34-36) Chapter 4: Agriculture and Main Crops, Arable Farming	
14	(Pages 36-41) Chapter 4 (contd) : Stock or Animal Farming	<u>Defence Day Celebrations</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
15	(Pages 41-43) Chapter 4 (contd): Fishing, Horticulture, Question and Activities	<u>Importance of Ashora-e-Moharram</u>
16	(Pages 44-46) Chapter 5: Industry , Primary Industries	
17	(Pages 47-50) Chapter 5 (contd): Secondary Industry	
18	(Pages 51-53) Chapter 5 (contd): Transport, Questions and Activities	<u>Celebration of World Teacher's Day</u>
19	REVISION OF ALL CORE CONCEPTS	
20 – 21	MID-TERM EXAM (PLAIN AREAS)	
22	(Pages 54-56) Chapter 6: Trade and Commerce , Wholesaling and Retailing, Office Work Stock Exchange, Banking	
23	(Pages 57-60) Chapter 6 (Contd): Service Industries, Communication, Tourism, Q& A	<u>Celebrations of Iqbal's Day</u>
24	(Pages 61-63) Chapter 7: Exports and Imports of Pakistan , Balance of Payments, Exports: Pakistan's Big Five Exports	<u>Importance of Rabi-ul Awal and Seert-un-Nabi</u>
25	(Pages 64-66) Chapter 7 (Contd): Pakistan's Big Five Exports, Invisible Exports and Imports, Questions and Activities	
26	(Pages 67-74) Chapter 8: World Population Only overview to be given by the teacher. The chapter is non-examinable . (Pages 75-81) Chapter 9: Major Occupations in the World: Only overview to be given by the teacher. The chapter is non-examinable .	
27	(Pages 82-86) Chapter 10: World Environment and Its Problems: Only overview to be given by the teacher. The chapter is non-examinable .	
28	(Pages 87-88) Chapter 11: The Concept of the Two-Nation State , The Road to Independence	
29	(Pages 89-91) Chapter 11: The Concept of the Two-Nation State , Sir Sayyid Ahmed Khan, Allama Mohammad Iqbal, Chaudri Rehmat Ali, Mohammad Ali Jinnah	<u>National Resolve Day to Promote Education</u>
30	(Pages 91-93) Chapter 11: The Concept of the Two-Nation State , The Ideology of Pakistan, Questions and Activities	<u>Celebration of Quaid's Day</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
31	(Pages 94-99) Chapter 12: Pakistan Chronology.....Omit (Pages 100-105) Chapter 13: The United Nations, Structure of the United Nations	
32	(Pages 106-108) Chapter 13 (contd): Organization of the Islamic Conference, Arab League, Regional Cooperation for Development (RCD)	<u>Talk on Discipline, Hard work and Motivation</u>
33	(Pages 109-117) Chapter 14: International Problems, The Palestine Conflict, the Middle East Conflicts, Kashmir, Bosnia and Chechnya	
34	(Pages 118-125) Chapter 15: Migration.....Omit (Pages 126-133) Chapter 16: Democracy and Human Rights, Democracy, Great Humanitarians	
35	(Pages 133-134) Chapter 16 (contd) : Red Crescent and Red Cross, Charity Organizations (Pages 135-138) Chapter 17: World Travellers..Omit	<u>Kashmir Day</u>
36	(Pages 139-144) Chapter 18 :Explorers, Scientists and Inventors, Explorers, Scientists and Inventors.....Omit (Page 144) Include 'Dr Abdus Salam' (Page 146) Include 'Dr Salim uz Zaman Siddiqui' (Pages 145 and 147) Omit	
37	Revision (Preferably through conceptual activities where possible)	<u>Farewell Party</u>
38		
39- 40	ANNUAL EXAM (PLAIN AREAS)	

Note: Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	فیسرین ۷۱ جنوری ۲۰۱۳ء۔ الفیاضی، م: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔ تیلنا انگلی: و طخ طریسی	25
	فیسرین ۸۱۔ جنوری ۲۰۱۳ء۔ 'رقی و کاتیمہ: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت فیسرین ۹۱۔ جنوری ۲۰۱۳ء۔ (مظن) (البریمج اکی: 'زبانی، انگلی، و اضح۔	26
	فیسرین ۹۱۔ جنوری ۲۰۱۳ء۔ (مظن) (البریمج اکی: 'زبانی، انگلی، و اضح۔	27
	فیسرین ۰۲۔ جنوری ۲۰۱۳ء۔ 'دخ اس و ق و ج اہ: 'بک: 'زبانی، انگلی، و اضح۔	28
<u>National Resolve day to promote education</u>	فیسرین ۰۲۔ جنوری ۲۰۱۳ء۔ قسوس الت و و ج البت۔	29
<u>Celebration of Quaid's Day</u>	فیسرین ۱۲۔ جنوری ۲۰۱۳ء۔ و خ نیت کا اہم اور ان کے رفیق: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔	30
Create a collage or collection of images related to the girls guide. Images can be hand drawn, printed, or clipped from a magazine or a newspaper.	فیسرین ۲۲۔ جنوری ۲۰۱۳ء۔ 'رگزل لکھی: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔	31
<u>Talk on Discipline Hardwork and Motivation</u>	فیسرین ۳۲۔ جنوری ۲۰۱۳ء۔ (مظن) (البریمج اکی: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔ و و ج البت۔ تیلنا انگلی: 'بکین	32
Project : Making of a travel brochure for Derawar fort, Skardu, Sadpara lake	فیسرین ۴۲۔ جنوری ۲۰۱۳ء۔ 'انمر طیب اسکن: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔	33
	فیسرین ۵۲۔ جنوری ۲۰۱۳ء۔ 'ر ل ی بکین: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔ تیلنا انگلی: 'کمیل لکھی۔	34
<u>Kashmir Day</u>	فیسرین ۶۲۔ جنوری ۲۰۱۳ء۔ 'آہنگ: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت۔ تیلنا انگلی: و مضمین لکھی	35
Discussion on the need of individual vigilance to avoid terrorist activities	فیسرین ۷۲۔ 'افزا جہدہ: 'زبانی، انگلی، و اضح، و قسوس الت و و ج البت (جنوری ۲۰۱۳ء۔ ۷۶۱۔ ۱۷۱) تیلنا انگلی: 'بکین۔	36
	اعده و مضمین لکھی، 'دروخ آفس رزیسی و طخ طریسی۔	37
<u>Farewell party</u>	درہ او	38

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	ANNUAL EXAMINATION (PLAIN AREAS)	39 – 40

Note: Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VP/HMs for an effective utilization of the syllabi breakdown. Examination papers will be set according to the said guidelines.

GUIDELINES FOR TEACHERS

Note: All teachers must have a copy of the following guidelines regarding Syllabi Breakdown.

1. Values Education and Personality Grooming Activities in Syllabi Breakdown:

- (a) Personality Grooming Activities taking place in all classes in the same week have been underlined. Content of Values Education will be dispatched separately.
- (b) The material on Values Education supplements Personality Grooming activities and may have a considerable amount of overlap. Teachers may merge or choose one of the two in case of time limitation.
- (c) 70% of the activities related to personality grooming activities and Values Education must be covered by each subject teacher.
- (d) Concept / topics underlined in Personality Grooming Programme column are suggested to be talked about briefly by all teachers in their respective classes. Full length functions/events should be avoided. Final decision lies with the principals or the nominated faculty members.
- (e) The minute talks by 2 - 3 students are to be held in each class on daily basis to ensure participation of all students as per the following guidelines:

Talk	Classes
One minute	(Prep - III)
Two minutes	(IV - VIII)
Three minutes	(IX - XII)

- (f) The conduct of visits may be determined by the Principals as per required arrangements/security reasons etc. If some visit is not possible due to security or other reasons, teachers may hold simulations / virtual tours / role plays etc. to familiarize the children with the target concepts.
- (g) Personality Grooming Activities (extreme right column except in (Urdu & Islamiyat) have mostly been related to the learning objectives to be covered during the given academic weeks (extreme left column except in (Urdu & Islamiyat)).

2. **Academic part of the Syllabi Breakdown:**

- (a) Diversified methodology of teaching should be used but special attention should be paid to project based and inquiry based learning and teaching.
- (b) At least 02 projects related to the syllabus content should be conducted in the whole academic year to promote. Teachers should be encouraged to combine two or more subjects for these projects.
- (c) Lesson Plan Objectives must focus on Higher Order Thinking Skills of students along with Lower Order Thinking Skills.
- (d) To ensure Outcomes/Objectives Based Education, the syllabi content should be used as guide-lines and starting points only. Teachers should be encouraged to supplement the book content with extra resources.
- (e) For clarity of interpretation the 'omitted' and 'non-examinable' contents have been indicated.
- (f) Non-examinable pages / topics are supposed to be taught through discussions /activities. These are important for smooth conceptual progression. The tendency to cross out such topics altogether is strongly discouraged.
- (g) Oral subjects are to be assessed through recorded observations, teachers' diaries, participation in activities, educational games & focused discussions and thoughtfully prepared worksheets.
- (h) Special efforts should be made to teach Islamyat, Urdu, and Social Studies/ Pakistan Studies in interactive manner.
- (i) Syllabus breakdown for Art books is not provided. The activities are designed to be completed on weekly basis. However, teachers may design additional art projects activities if desired.
- (k) Teachers, especially in Prep - III classes, should pay special attention to Urdu and English handwriting and feel free to additionally develop local worksheets for the same, if required.
- (l) Creative writing activities/exercises / competitions must be made frequent.
- (m) Essay writing techniques (genre) should be focused, and not the topics, to discourage rote learning. FTI will give unseen topics for essay writing, in exam papers.
- (n) Verbal Math should be focused through word problems and interesting activities and Inter-section Math competitions may be held.

(o) Academic year for classes Prep – VIII comprises 40 weeks. However, 04 weeks will be consumed for Mid-term and Final term exams, leaving 36 weeks for taught classes.

(p) Academic year for class IX comprises 44 weeks. However, 04 weeks will be used for Summer School for selected subjects and 04 weeks will be consumed for holding Send-up and Pre-board exams, leaving approximately 36 weeks for regular taught classes.

(q) Academic year for class X comprises 41 weeks. However, 04 weeks will be used for Summer School for selected subjects and 04 weeks will be consumed for holding Send-up and Pre-board exams, leaving approximately 33 weeks for regular taught classes.

(r) Days to be highlighted / celebrated have been specified in table below:

Sr No.	Name of Event	Date
1	Labour Day	01 May, 2019
2	Mother's Day	12 May, 2019
3	Start of Ramadan	07 May, 2019
4	Independence Day	14 Aug, 2019
5	Eid-ul-Azha	12-14 Aug, 2019
6	Defence Day	06 September, 2019
7	Ashora-e-Moharram	10 – 11 September, 2019
8	Teachers' Day	05 October, 2019
9	Iqbal Day	09 November, 2019
10	12 th Rabi-ul-Awwal	10 November, 2019
11	National Resolve Day to Promote Education	16 December, 2019
12	Quaid's Day	25 December, 2019
13	Kashmir Day	05 February, 2020
14	Pakistan Day	23 March, 2020

Note: The above guidelines must be handed over to each teacher and be placed in the teachers' folders.

