



# **WEEKLY SYLLABI BREAKDOWN**

**Academic Session: 2019-20**

**SSC-I & II**

**Fazaia Teachers' Training Institute**

**PAF Complex, E-9, Islamabad**

**March, 2019**

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# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

## ENGLISH: CLASS – IX

Punjab Text Book Board

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i>                      Tenses : Definition, formation , Recognition in Urdu</p>	<p><u>Introduction of students with his/her class mates, Teachers and school environment</u></p> <p><u>Spring Day</u></p>
2	<p>Tenses : Definition, formation , Recognition in Urdu</p>	<p><u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 1-4) <b>Unit 1: The Saviour of Mankind:</b> Reading, vocabulary, explanation, suffixes, prefixes</p>	<p><u>Talk on National Security</u></p>
4	<p>(Pages 5-11) <b>Unit 1 (Contd):</b> Glossary, Comprehension, Vocabulary, Grammar, Writing Skills &amp; Oral Communication Skills Exercises.</p>	<p><u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 12-14) <b>Unit 2: Patriotism:</b> Reading, Vocabulary, Explanation, Grammar, Writing Skills &amp; Exercises.  <b>Grammar:</b> Rules to Change Gender, Sentences Formation</p>	<p><u>Importance of Labour Day</u>  <u>Practice of Fazaian Honour Code 2</u></p>
6	<p>(Pages 15-20) <b>Unit 2 (Contd):</b> Glossary, Comprehension, Vocabulary, Pronunciation, Grammar, and Writing Skills &amp; Exercises.  <b>Grammar:</b> Paragraph Writing</p>	<p><u>Celebration of Mother's Day</u>  <u>Practice of Fazaian Honour Code 3</u></p>
7	<p>(Pages 21-25) <b>Unit 3 Media and its Impact:</b> Reading, Vocabulary Comprehension  <b>Grammar and Composition:</b> Letter Writing, Punctuation</p>	<p><u>Importance of Ramadan</u>  <u>Practice of Fazaian Honour Code 4</u></p>
8	<p>(Pages 25-31) <b>Unit 3 (Contd) :</b> Vocabulary, Grammar, Writing Skills &amp; Oral Communication Skills Exercises  <b>Grammar:</b> Tenses, Phrasal Verbs</p>	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	<b>Revision of all core concepts</b> (Pages 32-38) <b>Unit 4 Hazrat Asma (R.A)</b> : Comprehension, Vocabulary, Grammar, Writing Skills & Oral Communication Skills Exercises Grammar: Tenses, Translation: Urdu to English	<b>SUMMER SCHOOL SSC</b>
10	(Pages 39-45) <b>Unit 4 (Contd)</b> : Cataphoric & Anaphoric References: Comprehension, Vocabulary. Composition: Dialogue Writing	
11	(Pages 46-49) <b>Review I – Unit 1-4</b> Composition, Passage Comprehension, Vocabulary, Grammar. Writing Skills & Oral Communication Skills	
12	(Pages 50-56) <b>Unit 5: Daffodils</b> Reading, , Glossary, Oral activity, Comprehension, Figures of speech, Vocabulary, .	
13	(Pages 56-61) <b>Unit 5 (Contd)</b> :, Grammar. Writing Skills & Oral Communication Skills Exercises <b>Grammar</b> : Change of Voice	<u>Practice of Fazaian Honour Code 5</u>
14	(Pages 62-66) <b>Unit 6 The Quaid’s vision and Pakistan</b> : Reading, Glossary, Oral activity, Comprehension, Vocabulary. <b>Grammar</b> : Change of Voice	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Honour Code 6</u>
15	(Pages 67-72) <b>Unit 6 : (Contd)</b> Connotation & Denotation, Dictionary Skills, Grammar, Writing Skills & Oral Communication Skills Exercises <b>Grammar</b> : Change of Voice	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 7</u>
16	(Pages 73-76) <b>Unit 7 Sultan Ahmad Mosque</b> : Reading, Glossary, Oral activity, , Comprehension, Grammar: Application writing	<u>Practice of Fazaian Honour Code 8</u>
17	(Pages 77-80) Unit No 7 (Contd) : Vocabulary Grammar, Writing Skills & Oral Communication Skills Exercises <b>Grammar</b> : Re-enforcement, Exercises on Active and Passive Voice	<u>Practice of Fazaian Honour Code 9</u>
18	(Pages 81-84) <b>Unit 8 Stopping by Woods on a Snowy Evening</b> : Reading, Glossary, Comprehension,	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 10</u>
19	(Pages 85-88) Unit 8 (Contd) Vocabulary Grammar: Writing Skills & Oral Communication Skills Exercises	<u>Importance of Ashora-e-Moharam</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
20	(Pages 89-92) <b>Review II – Unit 5-8 Composition:</b> Composition, Passage Comprehension, Vocabulary, Grammar. Writing Skills & Oral Communication Skills Reinforcement Exercises on Letter Writing	
21	(Pages 93-94) <b>Unit 9 : All is not Lost</b> Reading, Comprehension, Vocabulary <b>Grammar :</b> Reinforcement Exercises on Parts of Speech	
22	(Pages 95-96) <b>Unit 9 (Contd):</b> Reading , Comprehension, Vocabulary <b>Grammar:</b> Reinforcement Exercises on Phrasal Verbs, Translation: Urdu to English	<u>Celebration of World Teacher's Day</u>
23	(Pages 97-101) <b>Unit 9 (Contd):</b> Glossary, Comprehension, Vocabulary Grammar: , Reinforcement Exercises on Active and Passive Voice	
24	(Pages 102-103) <b>Unit 9 (Contd):</b> Writing Skills, Exercises <b>Grammar and Composition:</b> Dialogue Writing and Parts of Speech	
25	Grammar : Exercises on Translation: Urdu to English	
26	<b>Revision of all core concepts</b>	
27-28	<b>SENDUP-EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
29	(Pages 104-106) <b>Unit 10 : Drug Addiction</b> Reading, Comprehension	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
30	(Pages 107-110) <b>Unit 10 (Contd):</b> Glossary, Oral activity, Comprehension, Vocabulary Grammar: , Writing Skills	
31	(Pages 111-115) <b>Units 11 Noise in the Environment</b> Reading, Comprehension <b>Composition :</b> Reinforcement Exercises on Letter Writing	
32	(Pages 116-122) <b>Units 11 Noise in the Environment :</b> , Vocabulary , Grammar: Writing skills and Oral Communication skills exercise <b>Composition:</b> Reinforcement Work on Paragraph Writing skills, Active/ Passive	

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>33</b>	(Pages 123-128) <b>Units 12 : Three Days To See:</b> Reading, Comprehension, , Exercise on Translation	<u>National Resolve Day to promote education</u>
<b>34</b>	Pages 129-133) <b>Units 12 : (Contd) :</b> Communication skill Exercise, writing skills, Parts of speech	<u>Celebration of Quaid's Day</u>
<b>35</b>	<b>Revision of all core concepts</b> (Pages 134-138) <b>REVIEW III UNIT 9-12</b> Composition, Passage Comprehension, Vocabulary, Grammar. Writing Skills & Oral Communication Skills	<u>Talk on discipline, hard work and motivation</u>
<b>36-37</b>	<b>PRE-BOARD EXAM SSC</b>	
<b>38</b>	Revision and Tests: units # 1,2,3 and related grammar topics (Solution of questions of units # 1,2,3 and related grammar topics from FBISE Papers ,Last five years)	
<b>39</b>	Revision and Tests: units # 4,5,6 and related grammar topics (Solution of questions of units # 4,5,6 and related topics from FBISE Papers, Last five years)	<u>Kashmir's Day</u>
<b>40</b>	Revision and Tests: units # 7,8,9 and related grammar topics (Solution of questions of units # 7,8,9 and related topics from FBISE Papers, Last five years)	
<b>41</b>	Revision and Tests: units # 10,11,12 and related grammar topics (Solution of questions of units # 10,11,12 and related topics from FBISE Papers, Last five years)	
<b>42</b>	<b>Solution of FBISE Papers -Last five years</b>	
<b>43</b>	<b>Solution of FBISE Papers -Last five years</b>	
<b>44</b>	<b>PREP LEAVE</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

**Note:** Teachers are strongly recommended to collect “**Guidelines for Teachers**” from the offices of the Principals/VPs/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

و مضمن: اردو

وچدرہی الغمروسلائی زینس+وقا دواہاش باجن تُسکی کرور

ردو:

امجتع: مہن

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
<u>Introduction of teacher, students and school environment</u> Spring Day	<b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]  بصحرثن قیسرین ارجہ دیتی ہی ﷺ، قشم۔	1
<u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>	بصحرثن قیسرین ۲۔ رمز الغیل رکا اعدات و اصخلی؛ قشم۔	2
<u>Talk on National Security</u>	رہس اور ریزرہس و طخ طن یم رفق، ریزرہس طخ اکومن ہن۔ فلتخدم دن از ایل کرفق) اصیف، درتھی، اقونین، یکنکا اور ادیب	3
<u>Practice of Fazaian Honour Code 1</u>	بیلختا اکلہ کی؛ طخطو نیسی۔ بیلختا اکلہ کی؛ ریزرہس طخ۔	4
<u>Importance of Labour Day</u> <u>Practice of Fazaian Honour Code 2</u> Creating an informational booklet with the definitions and examples of عظم، ق، ع، ردفی، اق	بصحرثن قیسرین ۳۔ اکلہ، قشم، و مضمن ہن یبجب فصل رثن رعشی الطص (ت)، ع، رعش، دنب، عظم، ق، ع، اق، ردفی (یکر رعفی	5
<u>Celebration of Mother's Day</u> <u>Practice of Fazaian Honour Code 3</u>	بصحر مطن۔ دمخ، قشم، فالتخدم انرفن خن ریزرہس رفق رکان، دمخ اور ت عن یکر رعفی	6
<u>Importance of Ramadan</u> Making a poster of : اکمہل و زہسی رکا و صل، اکمہل / رو داد زہسی اکر طہنی وکسل ریزرہس فتم الہندی کرفتی و کرداد	اکمہل و زہسی رکا و صل، اکمہل / رو داد زہسی اکر طہنی وکسل ریزرہس فتم الہندی کرفتی و کرداد	7
<u>Practice of Fazaian Honour Code 4</u>		

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	بصحر مطن ست عن، ق شتم، بقلنا الفكلبي؛ وطخ طوزن سی۔	8
	<b>SUMMER VACATION</b> <b>The Subject of Urdu is not to be taught during Summer School</b>	9-12
<u>Practice of Fazaian Honour Code 5</u>	بصحر رثن قبس رین ۴۔ اشروعوں کے فیصلے ق شتم۔ بلج کے اجازت سے یوٹیوب کی ویڈیو کے عطفی رکان	13
<u>Importance of Eid ul Azha</u> <u>Practice of Fazaian Honour Code 6</u>	قبس رین ۵۔ وصنع اور میس کی کنگڈنگ ق شتم۔ طمع ایس اور طمع طیفن یم البتزرکان، نبیم اور ریخ کدرنیق اور آگیہ	14
<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 7</u>	بصحر رثن قبس رین ۶۔ اچبتی، ق شتم۔ رمبک کی ویڈیو کے عطفی، رمبک اضیاف اور عطنی، رمبک انام اور رمبک انصو رین ق رکان	15
<u>Practice of Fazaian Honour Code 8</u> Creating a bookmark with the definitions of components of a ghazal	زغل کی ویڈیو اور ارافتہ، ع، رعش، نب سے آگیہ بصحر زغل۔ زغل رین ۱۔ ”یئسا ایبا بچ کی سے ہ“ ریم کی زغل۔	16
<u>Practice of Fazaian Honour Code 9</u> Bait Bazi Competition	بصحر زغل۔ زغل رین ۱۔ ق شتم۔ ذوی نعم الظلکا المعسل	17
<u>Defense Day Celebration</u> <u>Practice of Fazaian Honour Code 10</u>	ملع بین کی بیدی الطروج م ۱۰ ل عشرہ اور اس کے کاراکن، ہشت کی ویڈیو اور اراکن ہشت، انکی ویڈیو کے عطفی اور انہیل، اجمز رملس اور اس کی کف انخم صر نیت	18
<u>Importance of Ashora-e-Moharam</u>	بصحر رثن قبس رین ۷۔ آرا م وکسن، ق شتم۔ بقلنا الفکلبي؛ ایکیں	19
Group activity: Creation of a scrap book containing and their illustrations	بصحر زغل۔ زغل رین ۲۔ ”رخوز فل رہا جن و ہکا ای یک“ و خایج بیحر یلع آشت کی زغل، ق شتم۔ احمور کی ویڈیو کے عطفی اور المعسل، احمورات اور روزرم ہکا المعسل، احمورات اور روزرم ہکا البتزر سے طلع رفقات کی کھمت	20
	بصحر رثن قبس رین ۸۔ وبل اور اقنیل، ق شتم۔ النس فیئس ریم البتزر، س مخم مطن کی ویڈیو کے عطفی	21
<u>Celebration of World's Teacher's Day</u>	بصحر مطن۔ مطن رین ۳۔ رباست کی ویڈیو کے عطفی، ق شتم۔ بقلنا الفکلبي؛ وطخ طوزن سی۔	22



Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	بصحر غل-ز غل رہین ۳۔ ”دل ازاں رہیو وہ الیکرہ؟“ اغیل وکز غل،، قشم۔ بیلختا اکلای: پروداد زنیسی	23
	بصحر ٹن قیس رہین ۹۔ الحتمن، قشم۔ واحد / جمج، اضمند	24
	درہ ای	25-26
<u>Celebration of Iqbal's Day</u>	<b>SEND-UP EXAMINATION SSC</b>	27-28
<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>	بصحر غل-ز غل رہین ۴۔ ”نگر رہین ے دل ریم اڑج ے دایریم“ ابدر اشرف طویکز غل، قشم۔	29
	بصحر مظن۔ مظن رہین ۴۔ ویہنسر مرجش ے س ادیم لبرر ہک، قشم۔ اس ے ف / الے فح	30
	بیلختا اکلای: اکمہل زنیسی، تم ادف الفاظ	31
	احمورات اور روزرمہ اکا معسل، احمورات اور روزرمہ ے کالینر ے س طلعہ نقات یکچہسٹ	32
<u>National resolve day to promote education</u>	بصحر ٹن قیس رہین ۱۰۔ ٹکیرین ے اور دور سے اجونز، قشم بیلختا اکلای: اکمہل زنیسی	33
<u>Celebration of Quaid's Day</u>	بصحر ٹن قیس رہین ۱۱۔ ادق ے راوز، قشم۔ فلتخم الصرف نخس رہیم انیز	34
	درہ ای	35
	<b>PRE BOARD EXAM SSC</b>	36-37
	ہین ۱-۳، ز غل رہین ۱، مظن رہین ۱ اور گارمی: احمورات اور روزرمہ اکا معسل، احمورات اور روزرمہ ے کالینر ے س طلعہ نقات یکچہسٹ۔ میک ے انصو یکا سو کدرہ ای اور ٹسٹ	38
<u>Kashmir Day</u>	قیس رہین ۴-۵، ز غل رہین ۲، مظن رہین ۲ اور گارمی: اکمہل، تم ادف الفاظ، اس ے ف / الے فح، اجمر ملس اور اس یکف انخو صرنیت یکدرہ ای اور ٹسٹ	39
	قیس رہین ۶-۷، ز غل رہین ۳، مظن رہین ۳ اور گارمی: ہیشٹ کد عفی اور ارکن ہیشٹ، انص ے فون رہیم الیمز، س مخم مظن یکد عفی یکدرہ ای اور ٹسٹ	40

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	قیس ربین ۸-۹، ز غل ربین ۴، مظن ربین ۴ اور رگاری عظم، ق، ع، ردفی، اق، ذوی نعم الفلظک المعتسل، العتسره اور اس کے کاراکن و کدرہ ایہی اور ٹسیٹ	41
	قیس ربین ۱-۱۱، انکبی و کدر عنفی اور ائینیل، رمبک و کدر عنفی، رمبک الضیفنا اور عظمی، رمبک اتم اور رمبک انصق ربین ق رکان، ربیک و ہزی، بلج ایس اور بلج بلغ ربین ائینر رکان، بنیم اور ربین کدر ق اور آگبہ، بلج کے کارا جائے ربیک و کدر عنفی رکان، بکدرہ ایہی اور ٹسیٹ	42
	اکمہمل، طخ، روداد، کدرہ ایہی اور ٹسیٹ	43
	<b>PREP LEAVE</b>	44
	<b>FBISE SSC EXAMINATION COMMENCES</b>	

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### MATHEMATICS: CLASS-IX

Caravan Book House, Lahore

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	(Pages 01-15) <b>Unit 1: Matrices and Determinants</b> , Definitions and Explanation of a Matrix, Exercise 1.1, Types of Matrices, Exercise 1.2, Addition and Subtraction of Matrices, Exercise 1.3	<u>Introduction of teacher, students and school environment</u> <u>Celebration of Spring Day</u>
2	(Pages 15-24) <b>Unit 1 (Contd)</b> : Multiplication of Matrices, Exercise 1.4, Multiplicative Inverse of a Matrix, Exercise 1.5	<u>Three Minutes' talk by 2-3 students in each class daily revealing their talents and building their confidence</u>
3	(Pages 24-32) <b>Unit 1 (Contd)</b> : Solution of Simultaneous Linear Equations, Exercise 1.6, Review Exercise 1 (Pages 33-38) <b>Unit 2: Real and Complex Numbers</b> , Real numbers	<u>Talk on National Security</u>
4	(Pages 38-47) <b>Unit 2 (Contd)</b> : Exercise 2.1, Properties of Real Numbers, Exercise 2.2, Radicals and Radicands, Exercise 2.3, Laws of Exponents/Indices, Exercise 2.4	<u>Practice of Fazaian Honour Code 1</u>
5	(Pages 47-56) <b>Unit 2 (Contd)</b> : Complex Numbers, Exercise 2.5, Basic Operations on Complex Numbers, Exercise 2.6, Review Exercise 2	<u>Importance of Labour Day</u> <u>Practice of Fazaian Honour Code 2</u>
6	(Pages 57-70) <b>Unit 3: Logarithms</b> , Scientific Notations, Exercise 3.1, Logarithm, Exercise 3.2, Common Logarithm and Natural Logarithm, Laws Of Logarithm, Exercise 3.3	<u>Celebration of Mother's Day</u> <u>Practice of Fazaian Honour Code 3</u>
7	(Pages 70-74) <b>Unit 3 (Contd)</b> : Application of Laws of Logarithm in Numerical Calculations, Exercise 3.4, Review Exercise 3	<u>Importance of Ramadan</u> <u>Practice of Fazaian Honour Code 4</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
8	(Pages 75-87) <b>Unit 4: Algebraic Expressions and Algebraic Formulas</b> , Algebraic Expressions, Rational Expression, Dividing a Rational Expression with another Rational Expression, Exercise 4.1, Algebraic Formulae, Exercise 4.2	
9	(Pages 88-96) <b>Unit 4 (Contd)</b> : Exercise 4.2, Surds and their Application, Exercise 4.3 Rationalization of Surds, Exercise 4.4, Review Exercise 4	
10	(Pages 97-105) <b>Unit 5:Factorization</b> , Exercise 5.1, Factorization of Expression of different types	
11	(Pages 105-113) <b>Unit 5 Factorization,:</b> Exercise 5.2, Remainder Theorem and Factor Theorem, Exercise 5.3,Factorization of a Cubic Polynomial, Exercise 5.4, Review Exercise 5	<b>SUMMER SCHOOL SSC</b>
12	(Pages 114-123) <b>Unit 6: Algebraic Manipulation:</b> Highest Common Factor (H.C.F) and Least Common Multiple (L.C.M) of Algebraic Expressions, Exercise 6.1, Basic Operations on Algebraic Fractions, Exercise 6.2	
13	(Pages 123-129) <b>Unit 6 (Contd)</b> : Square Root of Algebraic Expression, Exercise 6.3, Review Exercise 6  (Pages 218-225) <b>Unit 13: Sides and Angles of a Triangle:</b> Introduction, Theorem 13.1.1, Theorem 13.1.2, Theorem 13.1.3, Exercise 13.1	
14	(Pages 225-227) <b>Unit 13 (Contd):</b> Theorem 13.1.4, Exercise 13.2, Review Exercise 13	<u>Importance of Eid ul Azha</u>  <u>Practice of Fazaian Honour Code 6</u>
15	(Pages 145-156) <b>Unit 8: Linear Graphs and their Application:</b> Cartesian Plane and Linear Graphs, An Ordered Pair of Real Numbers, Recognizing an Ordered Pair, Cartesian Plane, Solving Real Life Problems	<u>Celebration of Independence Day</u>  <u>Practice of Fazaian Honour Code 7</u>
16	(Pages 156-164) <b>Unit 8 (Contd):</b> Exercise 8.1, Conversion Graphs, To Interpret Conversion Graph, Reading a given Graph, Reading the Graphs of Conversion, Exercise 8.2	<u>Practice of Fazaian Code 8</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
17	(Pages 164-167) <b>Unit 8 (Contd):</b> Graphical Solution of Linear Equations in two Variables, Exercise 8.3, Review Exercise 8  (Pages 168-174) <b>Unit 9: Introduction to Coordinate Geometry:</b> Distance Formula, Use of Distance Formula, Exercise 9.1, Collinear or Non-Collinear Points in the Plane, Use of Distance Formula to Different Shapes of a Triangle	<u>Practice of Fazaian Code 9</u>
18	(Pages 174-184) <b>Unit 9 (Contd):</b> Use of Distance Formula to show that four Non-Collinear Points form a Square, a rectangle and a parallelogram, Exercise 9.2, Mid-Point Formula, Recognition of the Mid-Point, Verification of the Mid-Point Formula, Exercise 9.3, Review Exercise 9	<u>Celebration of Defense Day</u> <u>Practice of Fazaian Honour Code 10</u>
19	(Pages 185-194) <b>Unit 10: Congruent Triangles:</b> Introduction, Theorem 10.1.1, Exercise 10.1, Theorem 10.1.2, Exercise 10.2, Theorem 10.1.3, Exercise 10.3	<u>Importance of Ashora-a-Moharram</u>
20	(Pages 195-198) <b>Unit 10 (Contd):</b> , Theorem 10.1.4, Exercise 10.4, Review Exercise 10	
21	(Pages 199-209) <b>Unit 11: Parallelograms and Triangles:</b> Theorem 11.1.1, Exercise 11.1, Theorem 11.1.2, Exercise 11.2, Theorem 11.1.3, Exercise 11.3, Theorem 11.1.4, Exercise 11.4, Theorem 11.1.5, Exercise 11.5, Review Exercise 11	
22	(Pages 210-213) <b>Unit 12: Line Bisectors and Angle Bisectors:</b> Introduction, Theorem 12.1.1, Theorem 12.1.2, Exercise 12.1, Theorem 12.1.3, Theorem 12.1.4	<u>Celebration of World Teacher's Day</u>
23	(Pages 214-217) <b>Unit 12 (Contd):</b> Theorem 12.1.5, Exercise 12.2, Theorem 12.1.6, Exercise 12.3, Review Exercise 12	
24	(Pages 252-263) <b>Unit 17: Practical Geometry-Triangles:</b> Introduction, Construction of Triangles, Exercise 17.1, Exercise 17.1, Drawing Angle Bisectors, Altitudes, Exercise 17.2, Figures with Equal Areas, Exercise 17.3, Exercise 17.4	
25	(Pages 263-267) <b>Unit 17: Practical Geometry-Triangles: (Contd),</b> Construct a Square Equal in Area to a Given Rectangle, Exercise 17.5, Review Exercise 17	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
26	Revision of all core concepts	
27-28	<b>SEND UP EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
29	(Pages 130-135) <b>Unit 7: Linear Equations and Inequalities:</b> Definition of Linear Equation, Solving a Linear Equation in One Variable, Equations Involving Radicals but Reducible to Linear Form, Exercise 7.1	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
30	(Pages 136-144) <b>Unit 7 (Contd):</b> Equation Involving Absolute Value, Solving Linear Equation Involving Absolute Value, Exercise 7.2, Definition of Linear Inequalities, Properties of Inequalities, Solving Linear Inequalities, Exercise 7.3, Review Exercise 7 (Pages 228-230) <b>Unit 14: Ratio and Proportion:</b> Introduction, Theorem 14.1.1	
31	(Pages 231-237) <b>Unit 14 (Contd):</b> Theorem 14.1.2 , Exercise 14.1, Theorem 14.1.3, Theorem 14.1.4, Exercise 14.2, Review Exercise 14	
32	(Pages 238-243) <b>Unit 15: Pythagoras' Theorem:</b> Pythagoras' Theorem 15.1.1, Theorem 15.1.2, Exercise 15, Review Exercise 15	
33	(Pages 244-248) <b>Unit 16:Theorem related with Area:</b> Introduction, Theorem 16.1.1, Theorem 16.1.2, Exercise 16.1, Theorem 16.1.3, Theorem 16.1.4, Exercise 16.2, Review Exercise 16	<u>National Resolve Day to Promote Education</u>
34	(Pages 249-251) <b>Unit 16: (Contd): Theorem 16.1.3,</b> Theorem 16.1.4, Exercise 16.2, Review Exercise 16	<u>Celebration of Quaid's Day</u>
35	Revision of all core concepts	<u>Talk on Discipline Hardwork and Motivation</u>
36-37	<b>PRE BOARD EXAM SSC</b>	
38	Revision and Test Ch # 1-4 ( Solution of Questions of Chapters # 1-4 from FBISE Papers--- Last Five Years)	
39	Revision and Test Ch # 5-8 ( Solution of Questions of Chapters # 5-8 from FBISE Papers Last Five Years)	<u>Kashmir's Day</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
40	Revision and Test Ch # 9-12 ( Solution of Questions of Chapters # 9-126 from FBISE Papers Last Five Years)	
41	Revision and Test Ch # 13-17 ( Solution of Questions of Chapters # 13-17 from FBISE Papers Last Five Years)	
42	Revision and Test Ch # 1-17 ( Solution of Questions of Chapter # 1-17 from FBISE----- Papers Last Five Years)	
43	Solution of FBISE paper ----- Last Five Years	
44	<b>Prep leave</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### PHYSICS: CLASS – IX

Caravan Book House

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p><b>Unit 1 PHYSICAL QUANTITIES AND MEASUREMENT</b>                      (Pages 1-8) Introduction to Physics, physical quantities ,SI system, Prefixes</p>	<p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>
2	<p><b>Unit 1(contd)</b> (Pages 8-12) Scientific notation, Measuring instruments</p>	<p><u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p><b>Unit 1(contd)</b> (Pages 13-22) Measuring instruments, Significant figures</p>	<p><u>Talk on National Security</u></p>
4	<p><b>Unit 1 (contd)</b> (Pages 23-26) Exercise &amp; Test <b>Unit 1</b></p>	<p><u>Practice of Fazaian Honour Code 1</u></p>
5	<p><b>Unit 2 KINEMATICS</b>(Pages 27-32) Rest and motion, Types of motion</p>	<p><u>Importance of Labour Day</u>  <u>Practice of Fazaian Honour Code 2</u></p>
6	<p><b>Unit 2 (contd)</b>(Pages 33-44) Scalars and vectors, Terms associated with motion,Graphical analysis of motion</p>	<p><u>Celebration of Mother's Day</u>  <u>Practice of Fazaian Honour Code 3</u></p>
7	<p><b>Unit 2 (contd)</b>(Pages 44-50) Equations of motion, Motion of freely falling bodies</p>	<p><u>Importance of Ramadan</u>  <u>Practice of Fazaian Honour Code 4</u></p>
8	<p><b>Unit 2 (contd)</b>(Pages 51-54) Exercise &amp; Test <b>Unit 2</b></p>	<p><u>Practice of Fazaian Honour Code 5</u></p>
9	<p><b>Revision of all core concepts</b></p>	<p><b><u>SUMMER SCHOOL-SSC</u></b></p>



Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
10	<b>Unit 3 DYNAMICS</b> (Pages 55-64) Force, Inertia and Measurement; Newton's Laws of motion	<b><u>SUMMER SCHOOL-SSC</u></b>
11	<b>Unit 3(contd)</b> (Pages 64-76) Tension and acceleration in a string, Friction	
12	<b>Unit 3(contd)</b> (Pages 76-80) Uniform Circular Motion	
13	<b>Unit 3(contd)</b> (Pages 81-83) Exercise & Test <b>Unit 3</b>	<u>Practice of Fazaian Honour Code 5</u>
14	<b>Unit 4TURNING EFFECT OF FORCES</b> (Pages 84-90) Like and unlike parallel forces, Addition of forces, Resolution of forces	<u>Importance of Eid-UI-Azha Practice of Fazaian Honour Code 6</u>
15	<b>Unit 4(contd)</b> (Pages 90-96) Torque or moment of a force, Principle of moments, Center of mass, Center of gravity	<u>Celebration of Independence Day Practice of Fazaian Honour Code 7</u>
16	<b>Unit 4(contd)</b> (Pages 96-103) Couple, Equilibrium, Stability and position of center of mass	<u>Practice of Fazaian Honour Code 8</u>
17	<b>Unit 4(contd)</b> (Pages 104-105) Exercise & Test	<u>Practice of Fazaian Honour Code 9</u>
18	<b>Unit 5GRAVITATION</b> (Pages 106-109) The force of gravitation	<u>Celebration of Defense Day Practice of Fazaian Honour Code 10</u>
19	<b>Unit 5(contd)</b> (Pages 109-112) Mass of earth, Variation of G with attitude,	<u>Importance of Ashora-e-Moharam</u>
20	<b>Unit 5(contd)</b> (Pages 112-114) Mass of earth, Variation of G with attitude, Artificial satellite, Motion of artificial satellite	
21	<b>Unit 5 (contd)</b> (Pages 115-116) Exercise & Test	
22	<b>Unit 6 WORK AND ENERGY</b> (Pages 117-127) Work, energy, Kinetic energy, Potential energy, Forms of energy	<u>Celebration of World Teachers' Day</u>
23	<b>Unit 6(contd)</b> (Pages 127-135) Inter conversion of energy, Major sources of energy	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
24	<b>Unit 6(contd)</b> (Pages 136-139) Efficiency, Power	
25	<b>Unit 6(contd)</b> (Pages 140-142) Exercise & Test	
26	<b>Revision of all core concepts</b>	
27-28	<b>SENDUP EXAM SSC</b>	<u>Celebration of Iqbal Day</u>
29	<b>Unit 7 PROPERTIES OF MATTER</b> (Pages 143-151), Kinetic molecular model of matter. Density, Pressure, Atmospheric pressure	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
30	<b>Unit 7(contd)</b> (Pages 151-166) Pressure in liquids, Archimedes' principle, Principle of floatation, Elasticity Hooke's Law, Exercise & Test	
31	<b>Unit 8 THERMAL PROPERTIES MATTER</b> (Pages 167-182), Temperature and heat, Thermometers, Specific heat capacity, Change of state, Latent heat of fusion, Latent heat of vaporization	
32	<b>Unit 8(contd)</b> (Pages 182-192) The evaporation, Thermal expansion, Exercise & Test	
33	<b>Unit 9 TRANSFER OF HEAT</b> (Pages 193-201) Transfer of heat, Conduction, Convection,	<u>National Resolve Day to Promote Education</u>
34	<b>Unit 9(contd)</b> (Pages 201-208) Radiation, Application and consequences of radiation, Exercise & Test	<u>Celebration of Quaid's day</u>
35	<b>Revision of all core concepts</b>	<u>Talk on discipline, hardwork and motivation</u>
36-37	<b>PRE-BOARD EXAM SSC</b>	
38	Revision and test Ch # 1, 2 ( Solution of questions of chapters # 1,2 from FBISE Papers (Last Five years)	
39	Revision and test Ch # 3, 4 ( Solution of questions of chapters # 3,4 from FBISE Papers (Last Five years)	<u>Kashmir's Day</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>40</b>	Revision and test Ch # 5,6 ( Solution of questions of chapters # 5,6 from FBISE Papers (Last Five years)	
<b>41</b>	Revision and test Ch # 7, 8 ( Solution of questions of chapters # 7,8 from FBISE Papers (Last Five years)	
<b>42</b>	Revision and test Ch # 9 ( Solution of questions of chapter # 9 from FBISE Papers (Last Five years)	
<b>43</b>	Solution of FBISE papers (Last Five years).	
<b>44</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### CHEMISTRY: CLASS – IX

National Book Foundation

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/Syllabi/Time Table and General Academic Scheduling]</p> <p>(Pages 6-11) Chapter-1: <b>Fundamentals of Chemistry</b>, branches of chemistry, differentiation between branches and basic definitions</p>	<p><u>Introduction of students with his/her class mates, Teachers and school environment</u></p> <p><u>Spring Day</u></p>
2	<p>(Pages 12-16) Chapter-1 (<b>Contd</b>): Relative Atomic Mass, empirical and molecular formulas, problem solving strategy, molecular ions and free radicals</p>	<p><u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p>(Pages 17-21) Chapter-1 (<b>Contd</b>): Difference between ions and free radicals, Particles of elements and compounds, Avogadro's No's and mole, gram atomic, molecular and formula mass</p>	<p><u>Talk on National Security</u></p>
4	<p>(Pages 21-25) Chapter-1 (<b>Contd</b>): Chemical calculations Mole-Particles calculations, problem solving strategy</p>	<p><u>Practice of Fazaian Honour Code 1</u></p>
5	<p>(Pages 26-27) Chapter-1(<b>Contd</b>): Self-assessment exercise (Pages 27-29) Chapter-1 (<b>Contd</b>): Fundamentals of Chemistry, <b>Exercise</b></p>	<p><u>Importance of Labour Day</u> <u>Practice of Fazaian Honour Code 2</u></p>
6	<p>(Pages 30-34) Chapter -02: <b>Structure of Atoms</b>, Rutherford and Bohr's Models and Isotopes</p>	<p><u>Celebration of Mother's Day</u> <u>Practice of Fazaian Honour Code 3</u></p>
7	<p>(Pages 35-38) Chapter -02 (<b>Contd</b>) : Uses of Isotopes and electronic configuration</p>	<p><u>Importance of Ramadan</u> <u>Practice of Fazaian Honour Code 4</u></p>
8	<p>(Pages 39-41) Chapter -02 (<b>Contd</b>): Structure of Atom, <b>Exercise</b></p>	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	Revision of all core concepts	<b>SUMMER SCHOOL-SSC</b>
10	(Pages 42-47) Chapter-03: <b>Periodic table and periodicity of properties</b> , Periodic table, Problem solving strategy	
11	(Pages 48-53) Chapter-03 ( <b>Contd</b> ): Valence shell electrons configuration and position of elements in periodic table Shape of Periodic Table, periodicity of properties, shielding effect, atomic size and problems	
12	(Pages 54-61) Chapter-03 ( <b>Contd</b> ): , Ionization energy, electron affinity, Problem solving strategy, Structure of Atom, <b>Exercise</b>	
13	(Pages 62-64) Chapter-04: Structure of molecules, problem solving strategy,	<u>Practice of Fazaian Honour Code 5</u>
14	(Pages 64-67) Chapter-04 ( <b>Contd</b> ): chemical bonds and types of bonds	<u>Importance of Eid-UI-Azha Practice of Fazaian Honour Code 6</u>
15	(Pages 68-73) Chapter-04 ( <b>Contd</b> ): Problem solving strategy covalent bonds, Problem solving strategy and Intermolecular forces	<u>Celebration of Independence Day Practice of Fazaian Honour Code 7</u>
16	(Pages 74-79) Chapter-04 ( <b>Contd</b> ): Nature of bonds and properties, Structure of molecules, <b>Exercise</b>	<u>Practice of Fazaian Honour Code 8</u>
17	(Pages 80-85) Chapter-05: <b>Physical States of Matter</b> , Gaseous state, Effect of Pressure and Temperature and Gas laws, Problem solving strategy	<u>Practice of Fazaian Honour Code 9</u>
18	(Pages 86-90) Chapter-05 ( <b>Contd</b> ): Charles's law, Problem solving strategy and Liquid state typical properties	<u>Celebration of Defense Day Practice of Fazaian Honour Code 10</u>
19	(Pages 91-95) Chapter-05 ( <b>Contd</b> ): Liquid state typical properties, activities, Solid state typical properties and Types of solids	<u>Importance of Ashora-e-Moharam</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
20	(Pages 96-101) Chapter-05 <b>(Contd)</b> : Types of solids, Allotropes, comparison of physical state of matter and self-assessment exercise	
21	(Pages 102-105) Chapter -05 <b>(Contd)</b> : Physical States of Matter, <b>Exercise</b>	
22	(Pages 106-108) Chapter-06: <b>Solutions</b> , Saturated, Unsaturated, Supersaturated solutions and Dilution of solution	<u>Celebration of World Teacher's Day</u>
23	(Pages 109-113) Chapter-06 <b>(Contd)</b> : <b>Solutions</b> , Types of solutions and Concentration units	
24	(Pages 113-120) Chapter-06 <b>(Contd)</b> : Concentration units, Molarity and self-assessment exercises, Problem solving strategy, Solubility, Solute-Solvent Interactions, Effect of Temperature on solubility	
25	(Pages 120-125) Chapter-06 <b>(Contd)</b> : Comparison of Solution, Suspension and Colloids, Solutions, <b>Exercise</b>	
26	<b>Revision of all core concepts</b>	
27-28	<b>SENDUP EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
29	(Pages 126-132) Chapter-07: <b>Electrochemistry</b> , Oxidation and Reduction, Oxidation States and Rules for assigning Oxidation States, Oxidation number of an atom in a compound	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
30	(Pages 132-140) Chapter-07 <b>(Contd)</b> : Oxidizing and Reducing agents, Oxidation Reduction reactions and Electrochemical cells, Electrochemical cells and self-assessment exercise	
31	(Pages 140-146) Chapter-07 <b>(Contd)</b> : Electrochemical Industries Corrosion and its prevention	
32	(Pages 147-149) Chapter-07 <b>(Contd)</b> : <b>Electrochemistry, Exercise</b>	
33	(Pages 150-155) Chapter-08 <b>(Contd)</b> : <b>Chemical Reactivity</b> , Metals, Electropositive Character, Comparison of reactivity of Alkali and Alkaline Earth metals	<u>National Resolve Day to promote education</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>34</b>	(Pages 155-161) Chapter-08 <b>(Contd):</b> Non-Metals, Comparison of reactivity of the Halogens, and Self-assessment exercise, Chemical Reactivity, Self-assessment exercises, <b>Exercise</b>	<u>Celebration of Quaid's Day</u>
<b>35</b>	<b>Revision of all core concepts</b>	<u>Talk on discipline, hard work and motivation</u>
<b>36-37</b>	<b>PRE-BOARD EXAM SSC</b>	
<b>38</b>	Revision and test Ch # 1,2 (Solution of questions of chapters No 1 & 2 from FBISE papers (Last Five years)	
<b>39</b>	Revision and test Ch # 3,4 (Solution of questions of chapters No 3 & 4 from FBISE papers (Last Five years)	<u>Kashmir's Day</u>
<b>40</b>	Revision and test Ch # 5 (Solution of questions of chapter No 5 from FBISE papers (Last Five years)	
<b>41</b>	Revision and test Ch # 6 (Solution of questions of chapter No 6 from FBISE papers (Last Five years)	
<b>42</b>	Revision and test Ch # 7 (Solution of questions of chapter No 7 from FBISE papers (Last Five years)	
<b>43</b>	Revision and test Ch # 8 (Solution of questions of chapters No 8 from FBISE papers (Last Five years)	
<b>44</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

### BIOLOGY: CLASS-IX

PLD Publishers, Lahore

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<b>Ice-Breaking at the Session Commencement</b> [ <i>Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling</i> ] (Pages 2- 6) <b>Chapter 1: Introduction to Biology</b> , Introduction to Biology, Relationship of Biology to other sciences, Careers in Biology	<u>Introduction of teacher, students and school environment</u>  <u>Spring Day</u>
2	(Pages 6-10) <b>Chapter 1: Introduction to Biology</b> , Qura'an and Biology, The levels of organization	<u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>
3	(Pages 10-16), <b>Chapter 1: Introduction to Biology</b> , Cellular Organization, Practical work	<u>Talk on National Security</u> <u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>
4	(Pages 16-19) <b>Chapter 1: Introduction to Biology</b> , Review Questions	<u>Practice of Fazaian Honour Code 1</u>
5	(Pages 20-26) <b>Chapter 2: Solving a Biological Problem</b> , Biological Method Theory , Law and Principal	<u>Importance of Labour Day</u> <u>Practice of Fazaian Honour Code 2</u>
6	(Pages 26-28) <b>Chapter 2: Solving a Biological Problem</b> , Data Organization and Data Analysis	<u>Celebration of Mother's Day</u> <u>Practice of Fazaian Honour Code 3</u>
7	(Pages 29-30) <b>Chapter 2: Solving a Biological Problem</b> , Exercise	<u>Importance of Ramadan</u> <u>Practice of Fazaian Honour Code 4</u>
8	(Pages 31-37) <b>Chapter 3: Biodiversity</b> , Biodiversity, Classification, Aims and Principles, History of Classification Systems, The five kingdoms,	



Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
9	<b>Revision of all previous concepts</b> (Pages 37-42) <b>Chapter 3: Biodiversity</b> , Binomial nomenclature, Conservation of biodiversity, Impact of human beings on biodiversity	<b>SUMMER SCHOOL-SSC</b>
10	(Pages 43-50) <b>Chapter 3 (contd)</b> : Deforestation, Steps for the Conservation of biodiversity, Endangered species in Pakistan, Exercise	
11	(Pages 52-56) <b>Chapter 4: Cells and Tissues</b> , Microscopy and Emergence of cell theory, Light and Electron Microscopy, History of the Formulation of Cell Theory	
12	(Pages 57-63) <b>Chapter 4 (contd)</b> : Cellular Structure and Functions, Cell Wall, Cell Membrane, Cytoplasm, Cytoskeleton, Cell Organelles	
13	(Pages 64-69) <b>Chapter 4 (contd)</b> : Cell organelles (contd), Difference between Prokaryotic and Eukaryotic Cells, Relationship between cell function and cell structure, cell size and surface area to volume ratio	<u>Practice of Fazaian Honour Code 5</u>
14	(Pages 69-73) <b>Chapter 4 (contd)</b> : Passage of molecules into and out of the cells	<u>Importance of Eid-UI-Azha Practice of Fazaian Honour Code 6</u>
15	(Pages 74-82) <b>Chapter 4 (contd)</b> : Animal Tissues, Plant Tissues,	<u>Celebration of Independence Day Practice of Fazaian Honour Code 7</u>
16	(Pages 83-86) <b>Chapter 4 (contd)</b> :, Exercise	<u>Practice of Fazaian Honour Code 8</u>
17	(Pages 87-94) <b>Chapter 5: Cell Cycle</b> , Cell Cycle, Mitosis, Phases of mitosis, significance of mitosis, Practical work	<u>Practice of Fazaian Honour Code 9</u>
18	(Pages 95-99) <b>Chapter 5 (contd)</b> : Meiosis, Phases of meiosis, meiosis II	<u>Celebration of Defense Day Practice of Fazaian Honour Code 10</u>
19	(Pages 100-106) <b>Chapter 5 (contd)</b> : Significance of Meiosis, Apoptosis and Necrosis, Exercise	<u>Importance of Ashora-e-Moharam</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>20</b>	(Pages 107-113) <b>Chapter 6: Enzymes</b> , Characteristics of Enzymes, Factors affecting the rate of enzyme action Mechanism of enzyme action, Specificity of Enzymes,	
<b>21</b>	(Pages 113-116) <b>Chapter 6: Enzymes</b> , Practical Work, Exercise	
<b>22</b>	(Pages 117-120) <b>Chapter 7: Bioenergetics</b> , Bioenergetics and the role of ATP	<u>Celebration of World Teacher's Day</u>
<b>23</b>	(Pages 120-123) <b>Chapter 7: Bioenergetics</b> , Photosynthesis, Mechanism of Photosynthesis, Role of Chlorophyll and light	
<b>24</b>	(Pages 124-132) <b>Chapter 7 (contd)</b> : Limiting factors in photosynthesis. Practical work, Respiration	
<b>25</b>	(Pages 133-138) <b>Chapter 7 (contd)</b> : The Energy Budget of Respiration, Exercise	
<b>26</b>	<b>Revision of all core concepts</b>	
<b>27-28</b>	<b>SENDUP EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
<b>29</b>	(Pages 140-147) <b>Chapter 8 Nutrition</b> : Mineral Nutrition in plants, Components of Human Food, Practical work	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
<b>30</b>	(Pages 147-159) <b>Chapter 8 (contd)</b> : Practical work, Effect of Water and dietary fiber, Balanced diet, Problems related to Nutrition , Human Alimentary Canal	
<b>31</b>	(Pages 160-170) <b>Chapter 8 (contd)</b> : Human Alimentary Canal Disorders of gut and Exercise	
<b>32</b>	(Pages 171-181) <b>Chapter 9: Transport</b> , Transport in plants, Transpiration, Significance of Transpiration, Practical work	
<b>33</b>	(Pages 181 -191) <b>Chapter 9 (contd)</b> : Transport of water, Transport of food, Transport in Human, Blood , Blood disorders, Blood Group Systems	<u>National Resolve Day to Promote Education</u>
<b>34</b>	(Pages 192-208) <b>Chapter 9 (contd)</b> : Human Heart, Blood Vessels, General Plan of human Blood circulatory system, Cardiovascular Disorders, Review Questions	<u>Celebration of Quaid's Day</u>
<b>35</b>	<b>REVISION</b>	<u>Talk on discipline, hard work and motivation</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>36-37</b>	<b>PRE-BOARD EXAM SSC</b>	
<b>38</b>	Revision and test Ch # 1,2 (Solution of questions of chapters 1,2 from FBISE papers .....Last Five Years)	
<b>39</b>	Revision and test Ch # 3,4 (Solution of questions of chapters 3,4 from FBISE papers .....Last Five Years)	<u>Kashmir's Day</u>
<b>40</b>	Revision and test Ch # 5,6 (Solution of questions of chapters 5,6 from FBISE papers.....Last Five Years)	
<b>41</b>	Revision and test Ch # 7,8 (Solution of questions of chapters 7,8 from FBISE papers .....Last Five Years)	
<b>42</b>	Revision and test Ch # 9 (Solution of questions of chapter 9 from FBISE papers .....Last Five Years)	
<b>43</b>	<b>Solution of FBISE Papers, (Last Five Years)</b>	
<b>44</b>	<b>PREP LEAVES</b>	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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**WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20**  
**COMPUTER SCIENCE: CLASS-IX**

National Book Foundation

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p style="text-align: center;"><b>Ice-Breaking at the Session Commencement</b>                      [Introduction with classes, Overview of Textbooks/Syllabi/Time Table and General Academic Scheduling]</p> <p>(Pages 8-15) <b>Chapter 1: Fundamentals of Computer</b>, Introduction to Computer: Evolution of Computer, History and Generations of Computer, Types of Computers and Classification of Digital Computers.</p>	<p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>
2	(Pages 17-20) <b>Chapter 1 (contd)</b> : Role of Computer: Use of Computer in Various Fields and Careers in Information Technology.	<u>Three Minutes Talk by 2-3 children in each class daily revealing their talents and building their confidence</u>
3	(Pages 21-29) <b>Chapter 1 (contd)</b> : Computer Hardware: Hardware Components of Computer, Ports, Expansion Slots, Expansion Cards and Basic Operation of Computer.	<u>Talk on National Security</u> <b>Lab Activity:</b> Students should be shown components of computer
4	(Pages 29-35) <b>Chapter 1 (contd)</b> : Computer Software: System Software, Application Software, Open Source Software, Shareware & Freeware, Key points and Exercise	<b>Lab Activity:</b> Demonstrate how input/output devices are connected to the computer system <u>Practice of Fazaian Honour Code 1</u>
5	(Pages 36-42) <b>Chapter 2: Fundamentals of Operating System</b> , Introduction, Objectives of Operating System (OS), Functions of OS, Common Types of OS.	<u>Importance of Labour day</u> <u>Practice of Fazaian Honour Code 2</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
6	(Pages 43-47) <b>Chapter 2 (contd):</b> Operating System, Classification of Operating System, Types of Operating System, Getting Started with GUI Operating System, Basic Icons of GUI Operating System and Managing Data (Files/Folders).	<u>Importance of Mother's Day</u>  <u>Practice of Fazaian Honour Code 3</u>
7	(Pages 47-59) <b>Chapter 2 (contd):</b> System Installation, Installation of Windows Operating System, Installation of Antivirus Software and Windows Defender.	<u>Importance of Ramadan</u>  <b>Lab Activity:</b> Installation and un-installation of program and antivirus software should be demonstrated  <u>Practice of Fazaian Honour Code 4</u>
8	(Pages 59-63) <b>Chapter 2 (contd):</b> Key Points and Exercise	
9	<b>Revision of Previous Concepts</b>	
10	(Pages 64-78) <b>Chapter 3: Office Automation,</b> Introduction, Installation of Office Automation Software, Word Processing and Managing a Document, Inserting and Editing Text, Minimize/maximize Ribbon, Inserting Symbols and Inserting Equation.	<b>SUMMER SCHOOL-SSC</b>
11	(Pages 79-96) <b>Chapter 3: (Contd):</b> Formatting Text, Paragraph and Page, Inserting Page Breaks and Section Breaks, Inserting Header, Footer and Page Number, Inserting and Positioning Picture, Inserting WORDART, Creating and Formatting table Changing Margins and Using Hyperlink.	
12	(Pages 97-111) <b>Chapter 3 (Contd):</b> Spreadsheet, Introduction to Spreadsheet, Working with Functions and Formulas, Graphical Representation of Data and Manipulating and Formatting Data.	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
13	(Pages 112-119) <b>Chapter 3 (Contd):</b> Urdu Editor, Introduction to Inpage Urdu Editor, Managing a Document in Inpage and Formatting Document.	<b>Lab Activity:</b> Create Marks sheet using MS Excel <u>Practice of Fazaian Honour Code 5</u>
14	(Pages 120-123) <b>Chapter 3 (Contd):</b> Key Points and Exercise.	<u>Importance of Eid-UI-Azha</u> <u>Practice of Fazaian Code 6</u>
15	(Pages 124-127) <b>Chapter 4: Data Communication,</b> Basic Terms of data Communication. Components of Communication System, Characteristics of a good Communication System and Asynchronous and Synchronous Transmission Modes.	<u>Celebration of Independence Day</u> <u>Practice of Fazaian Honour Code 7</u>
16	(Pages 128-132) <b>Chapter 4(Contd):</b> Transmission Media, Types of transmission Media, Guided Media, Unguided Media and Transmission Impairments	<u>Practice of Fazaian Code 8</u>
17	(Pages 133-134) <b>Chapter 4(Contd):</b> Communication Devices, Dial-up Modem, Network interface Card, Router and Switch/Access point.	<b>Lab Activity:</b> Students should be shown communication devices such as network card, router, switch, etc. <u>Practice of Fazaian Honour Code 9</u>
18	(Pages 134-136) <b>Chapter 4 (Contd):</b> Communication Terminologies, Data Transmission Terminologies, Characteristics of Communication Channel	<u>Defence Day Celebration</u> <u>Practice of Fazaian Honour Code 10</u>
19	(Pages 136-139) <b>Chapter 4 (Contd):</b> Key Points and Exercise.	<u>Importance of Ashora-e-Moharam</u>
20	(Pages 140-143) <b>Chapter 5: Computer Networks,</b> Introduction to Networks, Computer Network, Uses of Networks and Data transmission modes.	
21	(Pages 143-145) <b>Chapter 5(contd):</b> Network Architecture, Types of Network Architectures, Client/Server Network, Peer-to-Peer Network and Point-to-Point Networks	

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
22	(Pages 145-147) <b>Chapter 5 (contd):</b> Types of Networks, LAN, Characteristics of LAN, WAN, Characteristics of WAN, MAN, Characteristics of MAN	<u>Celebration of World Teacher's Day</u>
23	(Pages 147-151) <b>Chapter 5 (contd):</b> Personal Area Network, Bluetooth Network, Characteristics of Bluetooth Communication, Internet and World Wide Web.	
24	(Pages 151-154) <b>Chapter 5(contd):</b> Network Topology, Types Of Network Topologies, Bus, Ring, Star Mash Topology, Communication over Networks, Communication Via Telephone Networks, Types of Modem and Comparison Between Data Communication Lines, Key Points and Exercise .	<b>Lab Activity:</b> Students should be shown physically, the cables and connectors for creating a LAN
25-26	<b>Revision of all Concepts</b>	
27-28	<b>SEND UP EXAM SSC</b>	<u>Celebration of Iqbal Day</u>
29	(Pages 158-160) <b>Chapter 6: Computer Security and Ethics,</b> Computer Security, Importance of Computer Security.	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>
30	(Pages 150-163) <b>Chapter 6: Computer Security and Ethics,</b> Cybercrime, Hacker and Cracker, Malware and its Types.	
31	(Pages 163-165) <b>Chapter 6 (contd):</b> Computer Viruses, How malware Spreads, Common Symptoms of Malware Attack and Protecting Computer from Malware.	
32	(Pages 165-167) <b>Chapter 6 (contd):</b> Authentication Mechanism, Authentication and Authorization, Authorized and Unauthorized Access, Authentication Methodologies, Multimodal Authentication.	
33	(Pages 167-169) <b>Chapter 6 (contd):</b> Computer Ethics, Ethical Use of Computer and Areas of Computer Ethics.	<u>National Resolve Day to Promote Education</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
34	(Pages 169-178) <b>Chapter 6 (contd):</b> Key points, Exercise and Glossary	<u>Quaid's Day Celebration</u>
35	<b>Revision of all Concepts</b>	
36-37	<b>PRE BOARD EXAM SSC</b>	
38	REVISION AND TEST FROM CH NO 1, 2,3	
39	REVISION AND TEST FROM CH NO 4,5,6	<u>Kashmir's Day</u>
40	REVISION AND TEST FROM CH NO 1,2,3,4,5,6	
41	REVISION AND TEST FROM PREVIOUS FBISE PAPERS	
42	REVISION AND TEST FROM PREVIOUS FBISE PAPERS	
43	SOLUTION OF PREVIOUS FBISE PAPERS	
44	PREP LEAVES	
<b>FBISE SSC EXAMINATION COMMENCES</b>		

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## WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20

ومضمن:السايمت

السايمتالزيم باجن

امجتمع:مهن

رکوکيلائى شىكى كرور ،الوهر

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
<u>Introduction of teacher, students and school environment</u>  <u>Spring Day</u>	<b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]  اعترف- وسورة الالف لک سبب رظنم (بخصر بين 7ت8 درس الاول ) افل (- وسورة الالف لک سبب رظنم اور رشتى ورىفت. بظفل و اباحوره رتمج	1
<u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u>	(بخصر بين 8 درس الاول ) افل (- وسورة الالف لک سبب رظنم ، العطارنى	2
<u>Talk on National Security</u>	(بخصر بين 9ت10 درس الاول ) (- وسورة الالف لک سبب رظنم ، بظفل و اباحوره رتمج ، وبفم ، رىفت و رشتى	3
<u>Practice of Fazaian Honour Code 1</u>	(بخصر بين 10 درس الاول ) (- وسورة الالف لک سبب رظنم ، العطارنى	4
<u>Importance of Labour Day</u> <u>Practice of Fazaian Code 2</u>	(بخصر بين 11ت12 درس الاول ) ج (- وسورة الالف لک سبب رظنم ، بظفل و اباحوره رتمج ، وبفم ، رىفت و رشتى ، العطارنى	5
<u>Celebration of Mother's Day</u> <u>Practice of Fazaian Code 3</u>	(بخصر بين 13 درس الالف لک سبب رظنم ) افل (- وسورة الالف لک سبب رظنم ، بظفل و اباحوره رتمج ، وبفم ، رىفت و رشتى	6
<u>Importance of Ramadan</u> <u>Practice of Fazaian Code 4</u>	(بخصر بين 13ت14 درس الالف لک سبب رظنم ) افل (- وسورة الالف لک سبب رظنم ، بظفل و اباحوره رتمج ، وبفم ، رىفت و رشتى	7
	(بخصر بين 14 درس الالف لک سبب رظنم ) افل (- وسورة الالف لک سبب رظنم ، العطارنى	8

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	<b>SUMMER VACATION</b> <b>The Subject of Islamiyat is not to be taught during Summer School</b>	<b>9-12</b>
Practice of Fazaian Code 5	(نصف رہین 15 تک 16 (درس الثانی) (- وسورة الالف - آیات 83 تا 44 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف و رشیحی ، المنار نی	<b>13</b>
<u>Importance of Eid-Ul-Azha</u> Practice of Fazaian Honour Code 6	(نصف رہین 17 تک 18 (درس الثانی) ج (- وسورة الالف - آیات 54 تا 84 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف و رشیحی ، المنار نی	<b>14</b>
<u>Celebration of Independence Day</u> Practice of Fazaian Honour Code 7	(نصف رہین 19 تک 20 (درس الثانی) د (- وسورة الالف - آیات 94 تا 85 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف	<b>15</b>
Practice of Fazaian Honour Code 8	(نصف رہین 20 (درس الثانی) د (- وسورة الالف - المنار نی	<b>16</b>
Practice of Fazaian Honour Code 9	(نصف رہین 21 تک 22 (درس الثالث) افل (- وسورة الالف - آیات 95 تا 46 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف و رشیحی ، المنار نی	<b>17</b>
<u>Celebration of Defense Day</u> Practice of Fazaian Honour Code 10	(نصف رہین 23 تک 24 (درس الثالث) (- وسورة الالف - آیات 56 تا 96 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف و رشیحی ، المنار نی	<b>18</b>
<u>Importance of Ashora-e-Moharam</u>	(نصف رہین 25 تک 26 (درس الثالث) ج (- وسورة الالف - آیات 07 تا 57 ، بظفل و لباحوره رہنمہج ، وبفہم ، رہف و رشیحی ، المنار نی	<b>19</b>
	ازجل الثانی - تم دہی اہلثی (نصف رہین 49 تک 50 (دحشی رہین ا تک 4 ، بظفل و لباحوره رہنمہج ، وبفہم ، رشیحی ، واضت ح	<b>20</b>
	(نصف رہین 56 تک 57 (ازجل الثالث) ا :- وموضاعین اطمہل رقآن بیج اور اعترف ، افیتظ ، اضالی	<b>21</b>
<u>Celebration of World Teacher's Day</u>	(نصف رہین 58 (ازجل الثالث) ا :- وموضاعین اطمہل رقآن بیج اور اعترف ، ، قشم	<b>22</b>

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	ازجل الثالث ۲:- وموضاعت اطم عمل (59 اکت 61 نض رین) اللغات ایل اور اس یک روسل ﷺ یک تبحم اور الطع، قشم	23
	ازجل الثانی - نم دهی ادخلشی دحشی رین ۵ اکت ۶ ، بظفل و اباحوره رت مچ، رشتحی، واضتح (51 اکت 50) نض رین	24
	ازجل الثانی - نم دهی ادخلشی (نض رین 51 (دحشی رین ۷ اکت ۸ ، بظفل و اباحوره رت مچ، رشتحی، واضتح	25
	دریابی	26
<u>Celebration of Iqbal's Day</u>	<b>SEND-UP EXAMINATION SSC</b>	27-28
<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u>	ازجل الثانی - نم دهی ادخلشی (نض رین 52 (دحشی رین ۹ ، بظفل و اباحوره رت مچ، رشتحی، واضتح	29
	ازجل الثانی - نم دهی ادخلشی (نض رین 52 (دحشی رین ۱۰ ، بظفل و اباحوره رت مچ، رشتحی، واضتح	30
	ازجل الثالث ۳:- وموضاعت اطم عمل (نض رین 62 اکت 64 (ملع یک رفاتبض اور تللیف، قشم	31
	ازجل الثالث ۳:- وموضاعت اطم عمل (نض رین 64 (ملع یک رفاتبض اور تللیف، قشم	32
<u>National Resolve Day to promote education</u>	ازجل الثالث ۴:- وموضاعت اطم عمل (نض رین 65 اکت 66 (زکوٰۃ اک و فم، رفاتبض، انیم، اصمرف، قشم	33
<u>Celebration of Quaid's Day</u>	دره ایئ: درس الثانی) د- (وسرة القرآن) آیت ۱ اکت ۹۱)	34

Personality Grooming Activities	Unit/Chapter & Topic	Academic Week
	درہائی: ازجلا الثمین - نم دہی انطاشی (۱) دشی ات ۰۱ )	35
<b>PRE BOARD EXAM SSC</b>		<b>36-37</b>
	درہائی: درس الثالث - وسرة الازل ( آیات ۰۲ تا ۰۳ )	38
<u>Kashmir's Day</u>	درہائی: درس الثالث - وسرة الازل ( آیات ۸۳ تا ۳۵ )	39
	درہائی: وموضاعت اطمعل، رقآن بجم، اعرف، فعتظ اور اضلالی	40
	درہائی: وموضاعت اطمعل اللہ اور اس رکروسل بک بجم و اطت ع	41
	درہائی: وموضاعت اطمعل، ملع بک رفاتض اور تلضف، زؤوكة (رفاتض، اتیمہ اور اصمرف)	42
	درہائی: درس الثالث - وسرة الازل ( آیات ۴۵ تا ۵۷ )	43
	<b>PREP LEAVES</b>	<b>44</b>
<b>ANNUAL BOARD EXAM</b>		

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**WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2019-20**  
**PAKISTAN STUDIES: CLASS – IX**

G.F.H.Publishers

Book - IX

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<p><b>Ice-Breaking at the Session Commencement</b>  <i>[Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]</i></p> <p><b>(Pages 1-4) : Chapter 1: Ideological Basis of Pakistan</b>            (Meaning, Sources and Significance of Ideology), Pakistan Ideology in the Islamic Perspective</p>	<p><u>Introduction of teacher, students and school environment</u></p> <p><u>Spring Day</u></p>
2	<p><b>(Pages 4-8) Chapter 1 (contd):</b> Basis of the Ideology of Pakistan.</p>	<p><u>Three Minutes' Talk by 2-3 children in each class in every week revealing their talents and building their confidence</u></p>
3	<p><b>(Pages 08-15); Chapter 1 (contd):</b> Economic Deprivation of the Muslims in India, "Two Nation Theory" Origin, Evolution and Explication. The Ideology of Pakistan and Allama Iqbal, The Ideology of Pakistan and Quaid-e-Azam</p>	<p><u>Talk on National Security</u>            Arrange a round table discussion based on relevant news articles of various newspapers</p>
4	<p><b>(Pages 15-18) : Chapter 1 (contd):</b> Exercise</p>	<p><u>Practice of Fazaian Honour Code 1</u>            Conduct a speech contest with reference to the Allama Iqbal, Quaid-e-Azam &amp; ideology of Pakistan.</p>
5	<p><b>(Pages 19-22): Chapter 2: Making of Pakistan :</b> Pakistan Movement (1940-1947), Pakistan Resolution , Background of Pakistan resolution, Quaid-e- Azam Presidential Address, Text of the Resolution, Reaction to the Resolution</p>	<p><u>Importance of Labour Day</u>  <u>Practice of Fazaian Honour Code 2</u></p>
6	<p><b>(Pages 23-25): Chapter 2: (contd):</b> Crips Mission 1942 , Jinnah-Gandhi Talk 1944, Proposal made by Gandhi, Reply of Quaid-e- Azam</p>	<p><u>Importance of Mother's Day</u>  <u>Practice of Fazaian Honour Code 3</u>            Arrange a Quiz Competition in the class.</p>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
7	<b>(Pages-25-30): Chapter 2: (contd):</b> C.R Formula 1944, Simla Conference, General Elections 1945-46: Manifestoes of Congress and Muslim league, Election Campaign, Results of the Election	<u>Importance of Ramadan</u> <u>Practice of Fazaian Code 4</u>
8	<b>(Pages 30-36): Chapter 2: (contd):</b> Muslim league Legislators' Convention 1946, Cabinet Mission Plan 1946 Elections of the Central Legislature, Reaction of the Political Parties, Final Decision of Quaid-e-Azam	Group discussion on Cabinet Mission Plan 1946
9-12	<b>SUMMER VACATIONS</b> <b>The Subject of Pak.Studies is not to be taught during Summer Vacations</b>	
13	<b>Revision of previous concepts</b>	Practice of Fazaian Code 5
14	<b>(Pages 36-38): Chapter 2: (contd):</b> Comparison of Cripps and Cabinet Mission plan's Proposals	<u>Importance of Eid ul Azha</u> Practice of Fazaian Code 6
15	<b>(Pages38-44) Chapter 2: (contd):</b> Interim Government 1946-1947, 3 <sup>rd</sup> June 1947 Plan	<u>Celebration of Independence Day</u> Practice of Fazaian Code7
16	<b>(Pages 44-48): Chapter 2: (contd):</b> Partition and the Creation of Pakistan 1947, British Colonialism in India, Quaid-e-Azam Role in the Making of Pakistan	Show a short documentary film on struggle movement of Quaid-e-Azam for Pakistan <u>Practice of Fazaian Honour Code 8</u>
17	<b>(Pages 48-51): Chapter 2: (contd):</b> Exercise	<u>Practice of Fazaian Honour Code 9</u>
18	<b>(Pages 52-56): Chapter 3: Land and Environment:</b> Introduction, Location and Importance	<u>Celebration of Defense Day</u> Ask the students about their own region and its climate and environment <u>Practice of Fazaian Honour Code 10</u>

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>19</b>	<b>(Pages 56-60): Chapter 3: Land and Environment:</b> Physical features of Pakistan. Central Mountain Ranges	<u>Importance of Ashora-e-Moharam</u>
<b>20</b>	<b>(Pages 60-66)Chapter 3: (contd):</b> Western Mountain Ranges Plateau, Plains, Climatic Conditions of Pakistan.	Make a model of Pakistani map and Identify the climatic changes of different areas.
<b>21</b>	<b>(Pages 66-70) Chapter 3: (contd):</b> The Effects of climate on Human Life, Glaciers and Drainage System.	
<b>22</b>	<b>(Pages 70-74) Chapter 3: (contd):</b> Vegetation and wild Life	<u>Celebration of World Teacher's Day</u>
<b>23</b>	<b>(Pages 74-79) Chapter 3: (contd):</b> Major Natural Regions of Pakistan, their characteristics and problems, Dry and Semi-dry mountain region	
<b>24</b>	<b>(Pages 79-83)Chapter 3: (contd):</b> Major Environmental Hazards and their Remedies, Desertification	Planting trees in the school ground.
<b>25</b>	(Pages 83-91) Chapter 3: (contd):Environmental Pollution and its Types .Threats to water, soil, vegetation and wildlife Exercise	Poster making competition related to types of environmental pollution
<b>26</b>	<b>Revision through activities and projects</b>	
<b>27-28</b>	<b>SENDUP EXAM SSC</b>	<u>Celebration of Iqbal's Day</u>
<b>29</b>	<b>(Pages 92-96) Chapter 4:History of Pakistan (Part-I):</b> Consolidation of the state, Early Problems of Pakistan Quaid-e-Azam Role as first Governor General of Pakistan, Liaquat Ali Khan 's role as First Prime Minister of Pakistan	<u>Importance of Rabi-ul-Awal and Seert-un-Nabi</u> Poster/ picture display to show the problems of Pakistan faced after creation
<b>30</b>	<b>(Pages 97-100) Chapter 4:History of Pakistan (Part-I):</b> Quaid-e-Azam Role as first Governor General of Pakistan, Liaquat Ali Khan 's role as First Prime Minister of Pakistan	Arrange a speech contest on the topic : Role of Quaid e Azam as a first Governor General of Pakistan

<b>Academic Week</b>	<b>Unit/Chapter &amp; Topic</b>	<b>Personality Grooming Activities</b>
<b>31</b>	<b>(Pages 100-110)Chapter 4: (contd):</b> Pakistan Objectives Resolution 1949,Accession of States and Tribal Areas to Pakistan, Salient Features of constitution of 1956 , Ayub Khan Era 1958-1969,Basic Democracies System 1959,Muslim Family Laws Ordinance 1961,	Show a documentary on Indo-Pak war 1965
<b>32</b>	<b>Pages 111-118)Chapter 4: (contd):</b> Salient Features of Constitution of 1962,Election 1965,Indo-Pak War 1965	
<b>33</b>	<b>(Pages 118-123) Chapter 4: (contd):</b> Economic Development: The second five year Plan, the third five year plan, Yahya khan Regime 1969-71, Legal Framework Order	<u>National Resolve Day to Promote education</u>
<b>34</b>	<b>(Pages 124-134) Chapter 4: (contd):</b> Election 1970, Separation of East Pakistan and Emergence of Bangladesh, Causes of Separation of East Pakistan Exercise	<u>Celebration of Quaid's Day</u>
<b>35</b>	<b>Revision through activities and projects</b>	<u>Talk on discipline, hard work and motivation</u>
<b>36-37</b>	<b>PRE BOARD EXAM SSC</b>	
<b>38</b>	<b>Revision and test : chapter 1</b>	
<b>39</b>	<b>Revision and test : chapter 2</b>	<u>Kashmir's Day</u>
<b>40</b>	<b>Revision and test : chapter 3</b>	
<b>41</b>	<b>Revision and test : chapter 4</b>	
<b>42</b>	<b>Revision of past board papers</b>	
<b>43</b>	<b>Revision</b>	
<b>44</b>	<b>PREP LEAVES</b>	
	<b>ANNUAL BOARD EXAM</b>	

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## **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:

<b>Talk</b>	<b>Classes</b>
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 & Islamiat) have mostly been related to the learning objectives to be covered during the given academic weeks (extreme left column except in (Urdu & Islamiat)).

## **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.
- (j) 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. FTTI 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 <sup>th</sup> 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.