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# ACADEMIC CALENDAR SIYANI SAHELIAN 2021-2022

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NOVEMBER 26, 2021  
IDARA-E-TALEEM-O-AAGAH  
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# 1. ABOUT SIYANI SAHELIAN / ADVANCING ACTION FOR ADOLESCENT GIRLS (SS / A<sup>3</sup>G)

## 1.1 Introduction to the Program:

Siyaani Sahelian (Advanced Action for Adolescent Girls, A<sup>3</sup>G) was a two-year program (June 2018 – March 2020) and got one year extension (March 2020-March 2021) supported by the UK's Department for International Development (DFID) and being implemented by Idara-e-Taleem-o-Aagahi (ITA) in South Punjab, Pakistan. The program aims to expand access to quality education in three districts of South Punjab: Muzaffargarh, Bahawalpur, and Rahim Yar Khan through carefully designed targeted interventions to address gender challenges for adolescent girls so that no girl is left behind. This is done by offering out-of-school adolescent girls with multiple strands of accelerated learning programs (functional literacy & numeracy, primary completion, middle completion, and matriculation completion) as well as vocational training (beautician, tailoring and machine embroidery training). In addition, all beneficiaries are provided with life skills-based education, teaching them basic skills such as confidence building and health/hygiene practices, as well as tech-enabled learning, incorporating the use of tablets to further classroom learning.

## 1.2 Beneficiaries, Goals and Objectives:

Through intensive mobilization in the hub and replication of the program in 40 partner schools per district, Siyaani Sahelian is being undertaken through evidence-based planning, actions- and systems-based approaches to cater to 49,000+ beneficiaries over the three-years life of the project, of which 40,000+ will be those completing the accelerated learning programs and 9,000+ plus will be those graduating with certified technical vocational education.

### Goal:

"Establishing a comprehensive scalable program for the most marginalized girls (9-19) for access, transition and retention for post primary education, skills and livelihoods"

The program has the following core objectives for 21 months up to March 2020.

1. *Improving girl's literacy, numeracy, skills through accelerated learning packages with technology-enabled blended learning innovations for 40,000+ girls.*
2. *Extending certified TVET skills relevant for the districts/markets to adolescent girls along with enterprise development and financial literacy.*
3. *Promoting self-reliance among young girls through basic education.*
4. *Empowering ALL target adolescent girls through a powerful life skills-based education program to tackle harmful social and gender norms/practices e.g., child marriages, child labor, violence; with concurrent engagement of parents/community members to support program implementation.*
5. *Mobilizing strategic partnerships with government and non-government institutions for scaling up and replicating systems friendly solutions.*

## 1.3 Target Group

The target beneficiaries under A<sup>3</sup>G are the girls aged 9-19 who have either dropped out of or have never been enrolled in school, facing multiple challenges of isolation and marginalization.

Note: Life skills-based education and tech-enabled learning will be provided to all beneficiaries under the program.

### 1.3.1 Dropped Out Girls

Girls in this category either had limited and/or intermittent access to formal education. These girls may be in child labor (formal/informal), young mothers and even child brides. Their exclusion may be accelerated due to disability, ethnicity or castes and their responsibilities may be multiple in extended family care (elderly parents, children, husband, siblings, etc.). These girls, if given support, may be able to rehabilitate and manage their lives with learning, literacy, numeracy, and life skills.

### 1.3.2 Never Enrolled Girls

This category represents the most vulnerable girls who have never had access to formal school perhaps due to displacements, emergencies and even feuds/conflicts. Activities and support services for this category will include functional literacy/numeracy intervention, skills and livelihoods, financial inclusion with market linkages.

## 1.4. Academic Division of the Program

Academically this program is divided into three parts:

- 1.4.1. Functional Literacy & Numeracy
- 1.4.2. Remedial/Accelerated Learning
- 1.4.3. Skills, Livelihoods and Financial Literacy

### 1.4.1 Functional Literacy & Numeracy

Girls with very little or no learning are enrolled in this program. This course helps put out of school girls into school and provides intensive bursts of remedial education in basic literacy (Urdu and English) and mathematics. Girls graduating from this program have developed basic literacy and numeracy skills and are enrolled in the neighboring schools in grade 1/2 to continue their formal education.

#### Course Duration

The duration of the program is 3 months, with the core program lasting 60-70 days.

### 1.4.2 Remedial/Accelerated Learning

Remedial/Accelerated learning is being offered for the completion of primary and middle grades as well as a pilot for grade 9 with a focus on language and STEAM (Science Technology, Engineering, Arts and Math) being run in the hubs. The courses range from 3 months to 18 months, depending on learning levels of child determined at initial testing. Accelerated learning is thus divided into five classes.

- 1.4.2.1 Long Term Primary
- 1.4.2.2 Short Term Primary
- 1.4.2.3 Long Term Middle
- 1.4.2.4 Short Term Middle
- 1.4.2.5 Matriculation

#### 1.4.2.1 Long Term Primary (LTP)

Girls who either dropped out in the late grade 3 or early grade 4 and do not have learning levels to understand the grade 5 curriculum\* are enrolled in LTP.

#### Course Duration

Girls in LTP are taught an accelerated curriculum of grades 3 & 4 first, and then are promoted to grade 5. Eventually, they appear in PEC Exam for grade 5 and are streamlined into formal education. Accelerated curriculum is of three subjects i.e., Mathematics, Science and English while the curriculum for Urdu, Islamiyat and Social Studies is of grade 5. Overall, the duration of this strand is 12-24 months depending on the learning levels/competency of girls.

#### 1.4.2.2 Short Term Primary (STP)

Girls who either dropped out in the late grade 4 or early grade 5 and have learning level to understand the grade 5 curriculum\* are enrolled in STP. They also must attain a score of at least 50% in the eligibility test for short term primary.

#### Course Duration

Girls in STP are taught grade 5 curriculum for 5-6 months, and then they appear in the Punjab Examination Commission (PEC) Exam. They are streamlined into formal education after appearing in the PEC exam.

#### 1.4.2.3 Long Term Middle (LTM)

Girls who either dropped out in the late grade 6 or early grade 7, and do not have learning levels to understand the grade 8 curriculum\* are enrolled in LTP.

#### Course Duration

Girls in LTM are taught an accelerated curriculum of grades 6 & 7 first and then are promoted to grade 8. Eventually, they appear in PEC Exam for grade 8 and are streamlined into formal education. Accelerated curriculum is of three subjects i.e., Mathematics, Science and English while the curriculum for Urdu, Islamiyat and Social Studies is of grade 8. Overall, the duration of this strand is of 12-24 months depending on the learning levels/competency of girls.

#### 1.4.2.4 Short Term Middle (STM)

Girls who either dropped out in late grade 7, or early grade 8, and have learning level to understand the curriculum of grade 8 are enrolled in STM. They also must attain a score of at least 50% in the eligibility test for short term middle.

##### Course Duration

Girls in STM are taught grade 8 curriculum for 5-6 months, and then they appear in the Punjab Examination Commission (PEC) Exam. They are streamlined into formal education after appearing in the PEC exam.

#### 1.4.2.5 Matriculation (Pilot in hubs)

Girls who either have a passing certificate of grade 8 or were dropped out of matric are being enrolled into Matriculation in the hubs.

##### Course Duration

Girls enrolled in the Matriculation program are taught the Matriculation Curriculum for 12-18 months. They will appear in the Board of Intermediate and Secondary Education (BISE) Examination in their respective district in 2020.

### 1.4.3 Skills Livelihoods and Financial Literacy

This program provides training and skills needed for better living and financial inclusion. This includes TVET, enterprise development and financial inclusion for age group (12-19) offered to 4 batches every 12 months in double shifts. The trades include three-month courses on marketable crafts such as beautician, tailoring and machine embroidery / fashion design with enterprise skills and microfinance options and linkages.

## 2. SURVEYS AND ASSESSMENT FORMS

Separate copies of Surveys and Assessment Forms will be given to each partner school. All teachers will be guided about conducting Baseline, Midline and Endline assessments and schedules by the Monitoring and Evaluation team.

- 2.1 Household Survey Form
- 2.2 Enrollment Survey Form
- 2.3 CPB Assessment
- 2.4 Short Term Primary and Middle Assessments
- 2.5 Long Term Primary and Middle Assessments

## 3. LIFE SKILLS-BASED EDUCATION

This is a 24-credit hour program to deliver age-appropriate Life Skills-Based Education (LSBE) to adolescent girls. The LSBE program is delivered to every girl enrolled in any program i.e., CPB, LTP, LTM, STP, STM, MATRIC, TVET. A separate manual on LSBE is provided to every school which includes the training content, topics, and lesson plans. This program is being implemented in partnership with a Karachi based organization Girls Rising.

## 4. CURRICULUM & SCHEDULE OF REMEDIAL/ACCELERATED LEARNING

The curriculum of each strand (LTP, STP, LTM, STM and Matriculation) is selected from the National Curriculum (2006). As all girls enrolled in any program will be streamlined into formal education, it is necessary for girls to develop competency in learning outcomes of the Single National Curriculum (SNC)/National Curriculum.

Based on the selected SLOs, they the list of textbook contents for both Primary (LTP, STP) and Middle (LTM, STM) strands are given below. These textbook contents match with the contents of Accelerated Learning Program (ALP) issued by Punjab Curriculum & Textbook Board (PCTB) and are approved by competitive authority for grades 6-8.

## Weekly Grade Wise Division of Syllabus

| Short-Term Strands (Primary & Middle) |                    |                    |
|---------------------------------------|--------------------|--------------------|
| Date                                  | Week#              | Grades' Syllabus   |
| November 15 to March 30               | Week#46 to Week#12 | Grade 5 or Grade 8 |

## 4.1 Short Term Primary (STP) Schedule

### 4.1.1 English Grade 05 Schedule

| Week#   | Dates                     | Content ID         | Formative Assessment Syllabus |
|---------|---------------------------|--------------------|-------------------------------|
| Week#46 | November 15 - November 21 | EG5.01 - EG5.07    |                               |
| Week#47 | November 22 - November 28 | EG5.08 - EG5.14    |                               |
| Week#48 | November 29 - December 05 | EG5.15 - EG5.21    | EG5.01 - EG5.14               |
| Week#49 | December 06 - December 12 | EG5.22 - EG5.28    |                               |
| Week#50 | December 13 - December 19 | EG5.29 - EG5.35    | EG5.15 - EG5.28               |
| Week#51 | December 20 - December 26 | EG5.36 - EG5.42    |                               |
| Week#52 | December 27 - January 02  | EG5.43 - EG5.49    | EG5.29 - EG5.42               |
| Week#01 | January 03 - January 09   | EG5.50 - EG5.56    |                               |
| Week#02 | January 10 - January 16   | EG5.57 - EG5.63    | EG5.43 - EG5.56               |
| Week#03 | January 17 - January 23   | EG5.64 - EG5.70    |                               |
| Week#04 | January 24 - January 30   | EG5.71 - EG5.77    | EG5.57 - EG5.70               |
| Week#05 | January 31 - February 06  | EG5.78 - EG5.84    |                               |
| Week#06 | February 07 - February 13 | EG5.85 - EG5.92    | EG5.71 - EG5.84               |
| Week#07 | February 14 - February 20 | EG5.93 - EG5.99    |                               |
| Week#08 | February 21 - February 27 | EG5.100 - EG5.108  | EG5.84 - EG5.99               |
| Week#09 | February 28 - March 06    | EG5.01 - EG5.36    |                               |
| Week#10 | March 07 - March 13       | EG5.37 - EG5.72    | EG5.01 - EG5.54               |
| Week#11 | March 14 - March 20       | EG5.73 - EG5.108   | EG5.55 - EG5.108              |
| Week#12 | March 21 - March 27       | Annual Examination | EG5.01 - EG5.108              |

### 4.1.2 Urdu Grade 05 Schedule

| Week#   | Dates                     | Content ID         | Formative Assessment Syllabus |
|---------|---------------------------|--------------------|-------------------------------|
| Week#46 | November 15 - November 21 | UG5.01 - UG5.06    |                               |
| Week#47 | November 22 - November 28 | UG5.07 - UG5.12    |                               |
| Week#48 | November 29 - December 05 | UG5.13 - UG5.18    | UG5.01 - UG5.12               |
| Week#49 | December 06 - December 12 | UG5.19 - UG5.24    |                               |
| Week#50 | December 13 - December 19 | UG5.25 - UG5.30    | UG5.13 - UG5.24               |
| Week#51 | December 20 - December 26 | UG5.31 - UG5.36    |                               |
| Week#52 | December 27 - January 02  | UG5.37 - UG5.42    | UG5.25 - UG5.36               |
| Week#01 | January 03 - January 09   | UG5.43 - UG5.48    |                               |
| Week#02 | January 10 - January 16   | UG5.49 - UG5.54    | UG5.37 - UG5.48               |
| Week#03 | January 17 - January 23   | UG5.55 - UG5.60    |                               |
| Week#04 | January 24 - January 30   | UG5.61 - UG5.64    | UG5.49 - UG5.60               |
| Week#05 | January 31 - February 06  | UG5.65 - UG5.68    |                               |
| Week#06 | February 07 - February 13 | UG5.69 - UG5.72    | UG5.61 - UG5.68               |
| Week#07 | February 14 - February 20 | UG5.73 - UG5.79    |                               |
| Week#08 | February 21 - February 27 | UG5.80 - UG5.85    | UG5.69 - UG5.79               |
| Week#09 | February 28 - March 06    | UG5.01 - UG5.28    |                               |
| Week#10 | March 07 - March 13       | UG5.29 - UG5.57    | UG5.01 - UG5.43               |
| Week#11 | March 14 - March 20       | UG5.58 - UG5.85    | UG5.44 - UG5.85               |
| Week#12 | March 21 - March 27       | Annual Examination | UG5.01 - UG5.85               |

### 4.1.3 Mathematics Grade 05 Schedule

| Week#   | Dates                     | Content ID      | Formative Assessment Syllabus |
|---------|---------------------------|-----------------|-------------------------------|
| Week#46 | November 15 - November 21 | MG5.01 - MG5.05 |                               |



|         |                           |                    |                 |
|---------|---------------------------|--------------------|-----------------|
| Week#47 | November 22 - November 28 | MG5.06 - MG5.10    |                 |
| Week#48 | November 29 - December 05 | MG5.11 - MG5.15    | MG5.01 - MG5.10 |
| Week#49 | December 06 - December 12 | MG5.16 - MG5.20    |                 |
| Week#50 | December 13 - December 19 | MG5.21 - MG5.25    | MG5.11 - MG5.20 |
| Week#51 | December 20 - December 26 | MG5.26 - MG5.30    |                 |
| Week#52 | December 27 - January 02  | MG5.31 - MG5.35    | MG5.21 - MG5.30 |
| Week#01 | January 03 - January 09   | MG5.36 - MG5.40    |                 |
| Week#02 | January 10 - January 16   | MG5.41 - MG5.45    | MG5.31 - MG5.40 |
| Week#03 | January 17 - January 23   | MG5.46 - MG5.50    |                 |
| Week#04 | January 24 - January 30   | MG5.51 - MG5.55    | MG5.41 - MG5.50 |
| Week#05 | January 31 - February 06  | MG5.56 - MG5.60    |                 |
| Week#06 | February 07 - February 13 | MG5.61 - MG5.65    | MG5.51 - MG5.60 |
| Week#07 | February 14 - February 20 | MG5.66 - MG5.70    |                 |
| Week#08 | February 21 - February 27 | MG5.71 - MG5.75    | MG5.61 - MG5.70 |
| Week#09 | February 28 - March 06    | MG5.01 - MG5.25    |                 |
| Week#10 | March 07 - March 13       | MG5.26 - MG5.50    | MG5.01 - MG5.25 |
| Week#11 | March 14 - March 20       | MG5.51 - MG5.75    | MG5.26 - MG5.50 |
| Week#12 | March 21 - March 27       | Annual Examination | MG5.01 - MG5.75 |

#### 4.1.4 Science Grade 05 Schedule

| Week#   | Dates                     | Content ID         | Formative Assessment Syllabus |
|---------|---------------------------|--------------------|-------------------------------|
| Week#46 | November 15 - November 21 | SG5.01 - SG5.06    |                               |
| Week#47 | November 22 - November 28 | SG5.07 - SG5.12    |                               |
| Week#48 | November 29 - December 05 | SG5.13 - SG5.18    | SG5.01 - SG5.12               |
| Week#49 | December 06 - December 12 | SG5.19 - SG5.24    |                               |
| Week#50 | December 13 - December 19 | SG5.25 - SG5.30    | SG5.13 - SG5.24               |
| Week#51 | December 20 - December 26 | SG5.31 - SG5.36    |                               |
| Week#52 | December 27 - January 02  | SG5.37 - SG5.42    | SG5.25 - SG5.36               |
| Week#01 | January 03 - January 09   | SG5.43 - SG5.48    |                               |
| Week#02 | January 10 - January 16   | SG5.49 - SG5.55    | SG5.37 - SG5.48               |
| Week#03 | January 17 - January 23   | SG5.56 - SG5.62    |                               |
| Week#04 | January 24 - January 30   | SG5.63 - SG5.69    | SG5.49 - SG5.62               |
| Week#05 | January 31 - February 06  | SG5.70 - SG5.76    |                               |
| Week#06 | February 07 - February 13 | SG5.77 - SG5.83    | SG5.63 - SG5.76               |
| Week#07 | February 14 - February 20 | SG5.84 - SG5.90    |                               |
| Week#08 | February 21 - February 27 | SG5.91 - SG5.97    | SG5.77 - SG5.90               |
| Week#09 | February 28 - March 06    | SG5.01 - SG5.33    |                               |
| Week#10 | March 07 - March 13       | SG5.34 - SG5.65    | SG5.01 - SG5.50               |
| Week#11 | March 14 - March 20       | SG5.66 - SG5.97    | SG5.51 - SG5.97               |
| Week#12 | March 21 - March 27       | Annual Examination | SG5.01 - SG5.97               |

#### 4.1.5 Islamiyat Grade 05 Schedule

| Week#   | Dates                     | Content ID      | Formative Assessment Syllabus |
|---------|---------------------------|-----------------|-------------------------------|
| Week#46 | November 15 - November 21 | IG5.01 - IG5.03 |                               |
| Week#47 | November 22 - November 28 | IG5.04 - IG5.06 |                               |
| Week#48 | November 29 - December 05 | IG5.07 - IG5.09 | IG5.01 - IG5.06               |
| Week#49 | December 06 - December 12 | IG5.10 - IG5.12 |                               |
| Week#50 | December 13 - December 19 | IG5.13 - IG5.15 | IG5.07 - IG5.12               |
| Week#51 | December 20 - December 26 | IG5.16 - IG5.18 |                               |
| Week#52 | December 27 - January 02  | IG5.19 - IG5.21 | IG5.13 - IG5.18               |

|         |                           |                    |                 |
|---------|---------------------------|--------------------|-----------------|
| Week#01 | January 03 - January 09   | IG5.21 - IG5.24    |                 |
| Week#02 | January 10 - January 16   | IG5.25 - IG5.27    | IG5.19 - IG5.24 |
| Week#03 | January 17 - January 23   | IG5.28 - IG5.30    |                 |
| Week#04 | January 24 - January 30   | IG5.31 - IG5.33    | IG5.25 - IG5.30 |
| Week#05 | January 31 - February 06  | IG5.34 - IG5.36    |                 |
| Week#06 | February 07 - February 13 | IG5.37 - IG5.39    | IG5.31 - IG5.36 |
| Week#07 | February 14 - February 20 | IG5.40 - IG5.42    |                 |
| Week#08 | February 21 - February 27 | IG5.43 - IG5.45    | IG5.37 - IG5.42 |
| Week#09 | February 28 - March 06    | IG5.01 - IG5.15    |                 |
| Week#10 | March 07 - March 13       | IG5.16 - IG5.30    | IG5.01 - IG5.23 |
| Week#11 | March 14 - March 20       | IG5.31 - IG5.45    | IG5.24 - IG5.45 |
| Week#12 | March 21 - March 27       | Annual Examination | IG5.01 - IG5.45 |

## 4.2 Short Term Middle (STM) Schedule

### 4.2.1 English Grade 08 Schedule

| Week#   | Dates                     | Content ID         | Formative Assessment Syllabus |
|---------|---------------------------|--------------------|-------------------------------|
| Week#46 | November 15 - November 21 | EG8.01 to EG8.04   |                               |
| Week#47 | November 22 - November 28 | EG8.05 to EG8.08   |                               |
| Week#48 | November 29 - December 05 | EG8.09 to EG8.12   | EG8.01 to EG8.08              |
| Week#49 | December 06 - December 12 | EG8.13 to EG8.16   |                               |
| Week#50 | December 13 - December 19 | EG8.17 to EG8.20   | EG8.08 to EG8.16              |
| Week#51 | December 20 - December 26 | EG8.21 to EG8.24   |                               |
| Week#52 | December 27 - January 02  | EG8.25 to EG8.28   | EG8.16 to EG8.24              |
| Week#01 | January 03 - January 09   | EG8.29 to EG8.32   |                               |
| Week#02 | January 10 - January 16   | EG8.33 to EG8.36   | EG8.25 to EG8.32              |
| Week#03 | January 17 - January 23   | EG8.37 to EG8.40   |                               |
| Week#04 | January 24 - January 30   | EG8.41 to EG8.44   | EG8.33 to EG8.40              |
| Week#05 | January 31 - February 06  | EG8.45 to EG8.48   |                               |
| Week#06 | February 07 - February 13 | EG8.49 to EG8.52   | EG8.41 to EG8.48              |
| Week#07 | February 14 - February 20 | EG8.53 to EG8.54   |                               |
| Week#08 | February 21 - February 27 | EG8.01 to EG8.19   | EG8.49 to EG8.54              |
| Week#09 | February 28 - March 06    | EG8.20 to EG8.39   | EG8.01 to EG8.29              |
| Week#10 | March 07 - March 13       | EG8.40 to EG8.54   | EG8.30 to EG8.54              |
| Week#11 | March 14 - March 20       | Annual Examination | EG8.01 to EG8.54              |
| Week#12 | March 21 - March 27       | Annual Examination | EG8.01 to EG8.54              |

### 4.2.2 Urdu Grade 08 Schedule

| Week#   | Dates                     | Content ID    | Formative Assessment Syllabus |
|---------|---------------------------|---------------|-------------------------------|
| Week#46 | November 15 - November 21 | UG8.01-UG8.04 |                               |
| Week#47 | November 22 - November 28 | UG8.05-UG8.08 |                               |
| Week#48 | November 29 - December 05 | UG8.09-UG8.12 | UG8.01-UG8.08                 |
| Week#49 | December 06 - December 12 | UG8.13-UG8.16 |                               |
| Week#50 | December 13 - December 19 | UG8.17-UG8.20 | UG8.09-UG8.16                 |
| Week#51 | December 20 - December 26 | UG8.21-UG8.24 |                               |
| Week#52 | December 27 - January 02  | UG8.25-UG8.28 | UG8.17-UG8.24                 |
| Week#01 | January 03 - January 09   | UG8.29-UG8.32 |                               |
| Week#02 | January 10 - January 16   | UG8.33-UG8.36 | UG8.25-UG8.32                 |
| Week#03 | January 17 - January 23   | UG8.37-UG8.40 |                               |
| Week#04 | January 24 - January 30   | UG8.41-UG8.44 | UG8.33-UG8.40                 |
| Week#05 | January 31 - February 06  | UG8.44-UG8.48 |                               |
| Week#06 | February 07 - February 13 | UG8.49-UG8.52 | UG8.41-UG8.48                 |
| Week#07 | February 14 - February 20 | UG8.52-UG8.56 |                               |
| Week#08 | February 21 - February 27 | UG8.01-UG8.19 | UG8.49-UG8.56                 |
| Week#09 | February 28 - March 06    | UG8.20-UG8.38 | UG8.01-UG8.28                 |
| Week#10 | March 07 - March 13       | UG8.39-UG8.56 | UG8.29-UG8.56                 |
| Week#11 | March 14 - March 20       | Exams         | UG8.01-UG8.56                 |
| Week#12 | March 21 - March 27       | Exams         | UG8.01-UG8.56                 |

### 4.2.3 Mathematics Grade 08 Schedule

| Week# | Dates | Content ID | Formative Assessment Syllabus |
|-------|-------|------------|-------------------------------|
|-------|-------|------------|-------------------------------|

|         |                           |               |               |
|---------|---------------------------|---------------|---------------|
| Week#46 | November 15 - November 21 | MG8.01-MG8.06 |               |
| Week#47 | November 22 - November 28 | MG8.07-MG8.12 |               |
| Week#48 | November 29 - December 05 | MG8.13-MG8.18 | MG8.01-MG8.12 |
| Week#49 | December 06 - December 12 | MG8.19-MG8.24 |               |
| Week#50 | December 13 - December 19 | MG8.25-MG8.30 | MG8.13-MG8.24 |
| Week#51 | December 20 - December 26 | MG8.31-MG8.36 |               |
| Week#52 | December 27 - January 02  | MG8.37-MG8.42 | MG8.25-MG8.36 |
| Week#01 | January 03 - January 09   | MG8.43-MG8.48 |               |
| Week#02 | January 10 - January 16   | MG8.49-MG8.54 | MG8.37-MG8.48 |
| Week#03 | January 17 - January 23   | MG8.55-MG8.60 |               |
| Week#04 | January 24 - January 30   | MG8.61-MG8.66 | MG8.49-MG8.60 |
| Week#05 | January 31 - February 06  | MG8.67-MG8.72 |               |
| Week#06 | February 07 - February 13 | MG8.73-MG8.78 | MG8.61-MG8.72 |
| Week#07 | February 14 - February 20 | MG8.79-MG8.80 |               |
| Week#08 | February 21 - February 27 | MG8.01-MG8.27 | MG8.73-MG8.80 |
| Week#09 | February 28 - March 06    | MG8.28-MG8.54 | MG8.01-MG8.40 |
| Week#10 | March 07 - March 13       | MG8.55-MG8.80 | MG8.41-MG8.80 |
| Week#11 | March 14 - March 20       | Exams         | MG8.01-MG8.80 |
| Week#12 | March 21 - March 27       | Exams         | MG8.01-MG8.80 |

#### 4.2.4 Science Grade 08 Schedule

| Week#   | Dates                     | Content ID    | Formative Assessment Syllabus |
|---------|---------------------------|---------------|-------------------------------|
| Week#46 | November 15 - November 21 | SG8.01-SG8.05 |                               |
| Week#47 | November 22 - November 28 | SG8.06-SG8.10 |                               |
| Week#48 | November 29 - December 05 | SG8.11-SG8.15 | SG8.01-SG8.10                 |
| Week#49 | December 06 - December 12 | SG8.16-SG8.20 |                               |
| Week#50 | December 13 - December 19 | SG8.21-SG8.25 | SG8.11-SG8.20                 |
| Week#51 | December 20 - December 26 | SG8.26-SG8.30 |                               |
| Week#52 | December 27 - January 02  | SG8.31-SG8.35 | SG8.21-SG8.30                 |
| Week#01 | January 03 - January 09   | SG8.36-SG8.40 |                               |
| Week#02 | January 10 - January 16   | SG8.41-SG8.45 | SG8.31-SG8.40                 |
| Week#03 | January 17 - January 23   | SG8.46-SG8.50 |                               |
| Week#04 | January 24 - January 30   | SG8.51-SG8.55 | SG8.41-SG8.50                 |
| Week#05 | January 31 - February 06  | SG8.56-SG8.60 |                               |
| Week#06 | February 07 - February 13 | SG8.61-SG8.62 | SG8.51-SG8.62                 |
| Week#07 | February 14 - February 20 | SG8.01-SG8.16 |                               |
| Week#08 | February 21 - February 27 | SG8.17-SG8.32 | SG8.01-SG8.21                 |
| Week#09 | February 28 - March 06    | SG8.33-SG8.47 | SG8.21-SG8.42                 |
| Week#10 | March 07 - March 13       | SG8.47-SG8.62 | SG8.42-SG8.62                 |
| Week#11 | March 14 - March 20       | Exams         | SG8.01-SG8.62                 |
| Week#12 | March 21 - March 27       | Exams         | SG8.01-SG8.62                 |

#### 4.2.5 Islamiyat Grade 08 Schedule

| Week#   | Dates                     | Content ID    | Formative Assessment Syllabus |
|---------|---------------------------|---------------|-------------------------------|
| Week#46 | November 15 - November 21 | IG8.01-IG8.12 |                               |
| Week#47 | November 22 - November 28 | IG8.13-IG8.24 |                               |
| Week#48 | November 29 - December 05 | IG8.25-IG8.36 | IG8.01-IG8.24                 |
| Week#49 | December 06 - December 12 | IG8.37-IG8.48 |                               |
| Week#50 | December 13 - December 19 | IG8.49-IG8.60 | IG8.25-IG8.48                 |
| Week#51 | December 20 - December 26 | IG8.61-IG8.72 |                               |

|         |                           |                 |                 |
|---------|---------------------------|-----------------|-----------------|
| Week#52 | December 27 - January 02  | IG8.73-IG8.84   | IG8.49-IG8.72   |
| Week#01 | January 03 - January 09   | IG8.85-IG8.96   |                 |
| Week#02 | January 10 - January 16   | IG8.97-IG8.108  | IG8.73-IG8.96   |
| Week#03 | January 17 - January 23   | IG8.109-IG8.120 |                 |
| Week#04 | January 24 - January 30   | IG8.121-IG8.132 | IG8.97-IG8.120  |
| Week#05 | January 31 - February 06  | IG8.133-IG8.144 |                 |
| Week#06 | February 07 - February 13 | IG8.144-IG8.156 | IG8.121-IG8.144 |
| Week#07 | February 14 - February 20 | IG8.01-IG8.40   |                 |
| Week#08 | February 21 - February 27 | IG8.41-IG8.80   | IG8.01-IG8.60   |
| Week#09 | February 28 - March 06    | IG8.81-IG8.120  | IG8.61-IG8.110  |
| Week#10 | March 07 - March 13       | IG8.121-IG8.156 | IG8.110-IG8.156 |
| Week#11 | March 14 - March 20       | Exams           | IG8.01-IG8.156  |
| Week#12 | March 21 - March 27       | Exams           | IG8.01-IG8.156  |

## 4.3 Syllabus For STP

### 4.3.1 Grade 5 Mathematics

| Content ID | Chapter#  | Title of the Chapter         | Topic/Content to be Taught                                   | SNC/PCTB Textbook Page(s)# |
|------------|-----------|------------------------------|--|----------------------------|
| MG5.01     | Chapter#1 | whole numbers and operations | Ex#1. Q#1(b,c). Q#2(e,h).                                    | page no 5                  |
| MG5.02     |           |                              | Q#3. Q#4(b,c). Q#6   | page no 6                  |
| MG5.03     |           |                              | examples. Ex#2. Q#1(b,f). Q#2(a,e). Q#3 Q#4                  | page no 7,9,10             |
| MG5.04     |           |                              | example. Ex#3. Q#1(b,c). Q#2(d,e)                            | page no 11,18              |
| MG5.05     |           |                              | example Q#3(b,h). Q#6  | page no 13,18              |
| MG5.06     |           |                              | example. Q#4(b,h). Q#9                                       | page no 17,19              |
| MG5.07     |           |                              | McQs of review exercise + revision                           | page no 27                 |
| MG5.08     |           |                              | revision + board test for preparation                        |                            |
| MG5.09     |           |                              | Grand test of ch#1   |                            |
| MG5.10     | Chapter#2 | HCF & LCM                    | example Ex#1 Q#1(b,h). Q#3                                   | page no 32,34              |
| MG5.11     |           |                              | test of Ex#1 + related examples                              |                            |
| MG5.12     |           |                              | Ex#2. Q#1(c,g,k)   | page no 38                 |
| MG5.13     |           |                              | Q#2(b,f,l). Q#3  | page no 39                 |
| MG5.14     |           |                              | McQs of review exercise + revision                           |                            |
| MG5.15     |           |                              | Grand test of ch#2   |                            |
| MG5.16     | Chapter#3 | Fractions                    | example. Ex#1. Q#1(a,b,d,g)                                  | page no 44,47              |
| MG5.17     |           |                              | Q#2(a,e). Q#3  | page no 47                 |
| MG5.18     |           |                              | short test of Ex#1 + related examples                        |                            |
| MG5.19     |           |                              | example. Ex#1 Q#1. Q#2(b,e,i).                               | page no 50,53              |
| MG5.20     |           |                              | Q#3(a,e,h).  |                            |
| MG5.21     |           |                              | Q#4. Q#5. + mcqs of review exercise                          | page no 53,55              |
| MG5.22     |           |                              | revision   |                            |
| MG5.23     |           |                              | Grand test of ch#3   |                            |
| MG5.24     | Chapter#4 | Decimals & Percentages       | Basic concepts of decimals + Ex#1 Q#1                        | page no 60                 |
| MG5.25     |           |                              | Q#2(a,b). Q#3(c,d)   | page no 60                 |
| MG5.26     |           |                              | Ex#3. Q#1(a,i). Q#2(f,k)                                     | page no 69                 |
| MG5.27     |           |                              | example Q#3(b,j). Q#6  | page no 67,69              |
| MG5.28     |           |                              | test of Ex#(1&3) + related examples                          |                            |
| MG5.29     |           |                              | Ex#4. Q#1(e). Q#2(h,i). Q#4                                  | page no 73                 |
| MG5.30     |           |                              | Ex#5. Q#1(a,c). Q#2  | page no 75                 |
| MG5.31     |           |                              | Basic concepts of percentages+ Ex#1 Q#1                      | page no 81                 |
| MG5.32     |           |                              | example#1 + Q#2(c,h).  | page no 79,81              |
| MG5.33     |           |                              | example#2 + Q#3(b,i).  | page no 79,81              |
| MG5.34     |           |                              | Q#9 + mcqs of review exercise                                | page no 82,83              |
| MG5.35     |           |                              | revision   |                            |
| MG5.36     |           |                              | Grand test of ch#4   |                            |
| MG5.37     | Chapter#5 | Distance and time            | example of conversion of metre to kilometers. + Ex#1. Q#1(c) | page no 88,94              |





|        |           |                    |   |                     |
|--------|-----------|--------------------|---|---------------------|
| MG5.38 |           |                    | example of conversion of metre to centimeters. + Q#1(e,f)                                   | page no 89,94       |
| MG5.39 |           |                    | conversion of (minutes to hours and seconds)  | page no 96,97       |
| MG5.40 |           |                    | conversion of (seconds to minutes),. ( hours to days),. ( days to hours)                    | page no 98,99       |
| MG5.41 |           |                    | conversion of (weeks to days) & (days to weeks)   | page no 99,100      |
| MG5.42 |           |                    | conversion of (month to days). & (days to months). & (years to months). & (months to years) | page no 101,102,103 |
| MG5.43 |           |                    | addition of distance/length. + mcqs of review exercise                                      | page no 93,108      |
| MG5.44 |           |                    | revision  |                     |
| MG5.45 |           |                    | Grand test of ch#5  |                     |
| MG5.46 | Chapter#6 | Unitary Method     | example#2. Ex#1. Q#(1,8)  | page no 111,112     |
| MG5.47 |           |                    | Ex#2. Q#(2,3,6)   | page no 114         |
| MG5.48 |           |                    |   |                     |
| MG5.49 |           |                    | McQs of review exercise + revision  | page no 114         |
| MG5.50 |           |                    | Grand test of ch#6  |                     |
| MG5.51 | Chapter#7 | Geometry           | example of construction of angles +. Ex#1. Q#1. Q#2(a,g)                                    | oage no 118,124     |
| MG5.52 |           |                    | def. of complementary angles. + Q#5   | page no 122,124     |
| MG5.53 |           |                    | def. of supplementary angles. + Q#4   | page no 123,124     |
| MG5.54 |           |                    | short test + def of triangle  | page no 125         |
| MG5.55 |           |                    | def. + examples of equilateral , isoscele & scalene. triangle. + Ex#2. Q#1                  | page no 125,126,130 |
| MG5.56 |           |                    | def. + example of acute, right & obtuse angled triangle. +. Ex#2 Q#2                        | page no 127,128,130 |
| MG5.57 |           |                    | Ex#1. Q#(3,6)   | page no 131         |
| MG5.58 |           |                    | def. of square & rectangle  | page no 132         |
| MG5.59 |           |                    | Ex#3. Q#2(b,g). Q#3(d,e)  | page no 137         |
| MG5.60 |           |                    | Ex#4  | page no 140         |
| MG5.61 |           |                    | McQs of review exercise + revision  | page no 146         |
| MG5.62 |           |                    | Grand test of ch#7  |                     |
| MG5.63 | Chapter#8 | Perimeter and Area | def. of Area & Perimeter + perimeter of a square + Ex#1. Q#1                                | page no 150,151,154 |
| MG5.64 |           |                    | perimeter of rectangle + Ex#1. Q#2  | page no 152,154     |
| MG5.65 |           |                    | example of Area of square. + Ex#1. Q#1(b)   | page no 156,158     |
| MG5.66 |           |                    | example of Area of rectangle. + Ex#1. Q#2(c) Q#5  | page no 156,158     |
| MG5.67 |           |                    | mcqs(a,b,c,d,e,f) of Review exercise + revision   | page no 160         |
| MG5.68 |           |                    | half chapter test   |                     |
| MG5.69 |           |                    | Grand test of ch#8  |                     |

|        |           |               |                           |                 |
|--------|-----------|---------------|---------------------------|-----------------|
| MG5.70 | Chapter#9 | Data handling | def. + example of Average | page no 163     |
| MG5.71 |           |               | Ex#1. Q#1(a,d). Q#6       | page no 165     |
| MG5.72 |           |               | Ex#2. Q#(1,2,3)           | page no 170     |
| MG5.73 |           |               | Ex#2. Q#(4,5,6)           | page no 171,172 |
| MG5.74 |           |               | Revision                  |                 |
| MG5.75 |           |               | Grand test of ch#9        |                 |

### 4.3.2 Grade 5 Science

| Content ID | Chapter#  | Title of the Chapter               | Topic/Content to be Taught  | SNC/PCTB Textbook Page(s)# |
|------------|-----------|------------------------------------|---|----------------------------|
| SG5.01     | Chapter#1 | Classification of Living Organisms | Classification of living Organisms  | 2                          |
| SG5.02     |           |                                    | Five Kingdom System(Monera,Protista)  | 3                          |
| SG5.03     |           |                                    | Five Kingdom System(Fungi,plantae,Animali)  | (4,5)                      |
| SG5.04     |           |                                    | Classification and Characteristic of Animals  | 7                          |
| SG5.05     |           |                                    | Classification of Vertebrates(Fish,amphibions,reptiles)                                 | (7,8)                      |
| SG5.06     |           |                                    | Classification of invertrebrates(sponges,worms)   | 12                         |
| SG5.07     |           |                                    | revision of all topics  |                            |
| SG5.08     |           |                                    | Exercise Qno2(ii,v),Qno 3(ii)   | 17,18                      |
| SG5.09     |           |                                    | half chapter test   |                            |
| SG5.10     |           |                                    | full chapter test   |                            |
| SG5.11     | Chapter#2 | Microorganisms                     | Main Groups of Microorganasims(Fungi)   | 23                         |
| SG5.12     |           |                                    | Role of Microorganisms as Decomposers(Useful Effects of Decomposition                   | 24                         |
| SG5.13     |           |                                    | role of Microorganisms as Decomposers(Harmful Effects of Decomposition,diseaes)         | 24                         |
| SG5.14     |           |                                    | Useful Role of Microorganism in Everyday life(Making Food Items,Cleaning of Environment | 27                         |
| SG5.15     |           |                                    | useful Role of Microorgansism in Everyday life(making of medicines)                     | 28                         |
| SG5.16     |           |                                    | revision of all topics  |                            |
| SG5.17     |           |                                    | exercise Qno2(ii,v),Qno 4(i)  | 30,31                      |
| SG5.18     |           |                                    | half chapter test   |                            |
| SG5.19     |           |                                    | full chapter test   |                            |
| SG5.20     | Chapter#3 | Flowers and Seeds                  | Flower,Structure of a Flower (diagram)  | 34                         |
| SG5.21     |           |                                    | pollination and Its Types   | 35,36                      |
| SG5.22     |           |                                    | difference b/w sexual and A sexual Reproduction   | 38                         |
| SG5.23     |           |                                    | Strucutre of Seed (diagram)   | 39                         |
| SG5.24     |           |                                    | draw diagram of Sexual reproduction in plants   | 38                         |



|        |           |   |  |         |
|--------|-----------|---|--|---------|
| SG5.25 |           |   | exercise Qno2(i,ii,v)  | 38      |
| SG5.26 |           |   | half chapter test  |         |
| SG5.27 |           |   | full chapter test  |         |
| SG5.28 |           |   | Activity day   |         |
| SG5.29 | Chapter#4 | Environmental Pollution                 | Environmental Pollution and its Types (Air pollution, water pollution) | 49,50   |
| SG5.30 |           |   | environmental Pollution and its Types (Land Pollution)                 | 50      |
| SG5.31 |           |   | green House Effect (half topic)  | 52,53   |
| SG5.32 |           |   | Green House Effect (full topic)  | 52,53   |
| SG5.33 |           |   | Biodegradable and Non-Biodegradable materials                          | 54      |
| SG5.34 |           |   | revision of all topics   |         |
| SG5.35 |           |   | exercise Qno2(i,ii,v)  | 57      |
| SG5.36 |           |   | exercise Qno 3(i)  | 57      |
| SG5.37 |           |   | revision of all topics   |         |
| SG5.38 |           |   | Half chapter test  |         |
| SG5.39 |           |   | Full chapter test  |         |
| SG5.40 | Chapter#5 | Physical and Chemical Chnages of Matter | Changes in States of Matter(melting,Freezing)                          | 61      |
| SG5.41 |           |   | Changes in States of Matter(Boiling,Evaporation)                       | 62      |
| SG5.42 |           |   | changes in States of Matter(Condensation)                              | 62      |
| SG5.43 |           |   | Chemical Changes in Matter(Decaying)                                   | 65      |
| SG5.44 |           |   | Difference b/w physical and Chemical Changes                           | 67      |
| SG5.45 |           |   | Revision of all topics   | 69      |
| SG5.46 |           |   | revision of all topics   |         |
| SG5.47 |           |   | Half chapter test  |         |
| SG5.48 |           |   | Full chapter test  |         |
| SG5.49 | Chapter#6 | Light and Sound                         | Luminious&non-Luminious objects  | 74      |
| SG5.50 |           |   | Transparent,Opaque,and Translucent Objects                             | 75      |
| SG5.51 |           |   | Sound  | 79      |
| SG5.52 |           |   | Speed of sound in differnt materials(Half Topic)                       | 82      |
| SG5.53 |           |   | speed of sound in differnt materials(Full Topic)                       | 82      |
| SG5.54 |           |   | Noise,Pleasant and Unpleasant Sounds                                   | 84      |
| SG5.55 |           |   | Controlling Noise Pollution  | 85      |
| SG5.56 |           |   | Revision of all topics   |         |
| SG5.57 |           |   | Exercise Qno2(iii)   | 88      |
| SG5.58 |           |   | Half chapter test  |         |
| SG5.59 |           |   | Full chapter test  |         |
| SG5.60 | Chapter#7 | Electricity & Magnetism                 | Charge,Types of Charge,Properties of Charge                            | (92-95) |
| SG5.61 |           |   | Electric Current   | 95      |
| SG5.62 |           |   | Conductors and Insulators(half topic)                                  | 97      |

|        |            |                             |  |        |
|--------|------------|-----------------------------|--|--------|
| SG5.63 |            |                             | Conductors and Insulators(Full topic)                          | 97     |
| SG5.64 |            |                             | Fuse and its Use   | 98     |
| SG5.65 |            |                             | Magnet,Magnetic and Non-Magnetic Materials                     | 100    |
| SG5.66 |            |                             | Types Of Magnet (Temporary and Permanent Magnets,Electromagnet | 105106 |
| SG5.67 |            |                             | EXercise Qno2(iv)  |        |
| SG5.68 |            |                             | Revision of all topics   |        |
| SG5.69 |            |                             | Half chapter test  |        |
| SG5.70 |            |                             | Full chapter test  |        |
| SG5.71 | Chapter#8  | Structure Of Earth          | Structure of Earth (Crust )                                    | 112    |
| SG5.72 |            |                             | structure of Earth (Mantle,Core)                               | 113    |
| SG5.73 |            |                             | Importance Of Water(,Sources of Water)                         | 114    |
| SG5.74 |            |                             | Characteristics Of Soil  | 117    |
| SG5.75 |            |                             | Types Of soil (Clay)   | 118    |
| SG5.76 |            |                             | Typse of soil(Sand,Slit)                                       | 118    |
| SG5.77 |            |                             | revision of all topics   |        |
| SG5.78 |            |                             | Exercise Qno2(i),Qno3(i)                                       | 122    |
| SG5.79 |            |                             | Half chapter test  |        |
| SG5.80 |            |                             | Full chapter test  |        |
| SG5.81 | Chapter#9  | Space and Satellites        | Space  | 125    |
| SG5.82 |            |                             | Space Exploration  | 125126 |
| SG5.83 |            |                             | Satelite   | 127    |
| SG5.84 |            |                             | Artificial Satellites  | 128    |
| SG5.85 |            |                             | Importance Of Artificial Satellites                            | 129    |
| SG5.86 |            |                             | Global Positioning System                                      | 131    |
| SG5.87 |            |                             | revision of all topics   |        |
| SG5.88 |            |                             | Exercise Qno2(i,ii)  | 133    |
| SG5.89 |            |                             | Half chapter test  |        |
| SG5.90 |            |                             | Full chapter test  |        |
| SG5.91 | Chapter#10 | Technology in Everyday Life | Preparing LED Light String                                     | 140    |
| SG5.92 |            |                             | First Aid  | 143    |
| SG5.93 |            |                             | Flood/Flood/Fire Drill   | 145    |
| SG5.94 |            |                             | Exercise Qno2(iii)   | 147    |
| SG5.95 |            |                             | revision of all topics   |        |
| SG5.96 |            |                             | Half chapter test  |        |
| SG5.97 |            |                             | Full chapter test  |        |

### 4.3.3 Grade 5 English

| Content ID | Chapter#    | Title of the Chapter | Topic/Content to be Taught                        | SNC/PCTB Textbook Page(s)# |
|------------|-------------|----------------------|---|----------------------------|
| EG5.1      | Chapter # 1 | Patience             | Paragraph no 1 and 2                              | Page no 2                  |
| EG5.2      |             |                      | Paragraph no 3,4,5,6,7                            | Page no 3                  |
| EG5.3      |             |                      | Paragraph no 8                                    | Page no 3                  |
| EG5.4      |             |                      | Application on urgent piece of work               |                            |
| EG5.5      |             |                      | Silent letters, Comprehension, Fill in the blanks | Page no 4,5,6              |
| EG5.6      |             |                      | Parts of speech                                   |                            |

|        |              |                           |  |                  |
|--------|--------------|---------------------------|--|------------------|
| EG5.7  |              |                           | Types of noun                                    | Page no 7,8      |
| EG5.8  | Chapter # 2  | Be Grateful               | Reading, W/M                                     | Page no 14       |
| EG5.9  |              |                           | Comprehension, Mcqs                              | Page no 16       |
| EG5.10 |              |                           | Regular and irregular nouns                      | Page no 20       |
| EG5.11 | Chapter# 3   | Women as Role models      | Paragraph no 1                                   | Page no 26       |
| EG5.12 |              |                           | Paragraph no 2                                   | Page no 27       |
| EG5.13 |              |                           | Paragraph no 3                                   | Page no 27       |
| EG5.14 |              |                           | Paragraph no 4 (half)                            | Page no 27       |
| EG5.15 |              |                           | Paragraph no 4 (full) and 5                      | Page no 27       |
| EG5.16 |              |                           | Comprehension                                    | Page no 29       |
| EG5.17 |              |                           | Fill in the blanks, Learning to spell, Grammar   | Page no 30, 31   |
| EG5.18 | Chapter # 6  | A Fit and Healthy Life    | Paragraph no 1 and 2                             | Page no 55       |
| EG5.19 |              |                           | Paragraph no 3 and 4                             | Page no 55       |
| EG5.20 |              |                           | Paragraph no 5 and 6                             | Page no 56       |
| EG5.21 |              |                           | Paragraph no 7 and 8                             | Page no 56       |
| EG5.22 |              |                           | Comprehension                                    | Page no 58       |
| EG5.23 |              |                           | Compound words, Mcqs                             | Page no 58, 59   |
| EG5.24 |              |                           | Unscramble words, Pronoun                        | Page no 61       |
| EG5.25 |              |                           | Types of pronouns                                | Page no 62       |
| EG5.26 | Chapter # 8  | Do What's Right           | Paragraph no 1 and 2                             | Page no 76       |
| EG5.27 |              |                           | Paragraph no 3                                   | Page no 77       |
| EG5.28 |              |                           | Paragraph no 4                                   | Page no 77       |
| EG5.29 |              |                           | Paragraph no 5 and 6                             | Page no 77       |
| EG5.30 |              |                           | Comprehension                                    | Page no 79       |
| EG5.31 |              |                           | Mcqs, Grammar (personal and possessive pronouns) | Page no 81       |
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| EG5.35 |              |                           | Mcqs   | Page no 90       |
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| EG5.55 |             | Simple tense           |   |                 |
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| EG5.58 |             | Simple tense           |   |                 |
| EG5.59 |             | Simple tense           |   |                 |
| EG5.60 |             | Comprehension passage  | Practice  |                 |
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| EG5.68 |             |                        | Parts of speech                                   |                 |
| EG5.69 |             |                        | Types of nouns                                    |                 |
| EG5.70 |             |                        | Types of nouns                                    |                 |
| EG5.71 |             |                        | Application on urgent piece of work               |                 |
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| EG5.104 |              |                           |  |                  |
| EG5.105 | Chapter # 11 | Let's be helpful          | Half chapter                                     |                  |
| EG5.106 |              |                           | Full chapter                                     |                  |
| EG5.107 | Chapter # 13 | When something went wrong | Half chapter                                     |                  |
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#### 4.3.4 Grade 5 Urdu

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| UG5.02     |          |                         | شعر 3، 2                        | صفحہ نمبر 2                |
| UG5.03     |          |                         | الفاظ معنی، کالم، خالی جگہ      | صفحہ نمبر 3، 4             |
| UG5.04     |          |                         | سوالات، ختمہ، سکتہ              | صفحہ نمبر 4، 5             |
| UG5.05     | باب 3    | رحمتِ عالم              | سبق کا مطالعہ                   | صفحہ نمبر 15، 14           |
| UG5.06     |          |                         | الفاظ معنی، جملہ، خالی جگہ      | صفحہ نمبر 17، 16           |
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| UG5.09     | باب 4    | اے وطن تُو سلامت رہے    | سبق کا مطالعہ                   | صفحہ نمبر 22، 23، 24       |
| UG5.10     |          |                         | جز 2، 3، 4                      | صفحہ نمبر 25، 26           |
| UG5.11     |          |                         | 4 سوالات                        | صفحہ نمبر 27               |
| UG5.12     |          |                         | 2 سوالات، جز 8                  | صفحہ نمبر 27، 28           |
| UG5.13     | باب 5    | جو وعدہ کرو سو پورا کرو | سبق کا مطالعہ                   | سبق نمبر 33، 34، 35        |
| UG5.14     |          |                         | الفاظ معنی، خالی جگہ، جز 3      | صفحہ نمبر 36               |
| UG5.15     |          |                         | سوالات                          | صفحہ نمبر 37               |
| UG5.16     |          | گرامر                   | کلمہ، مہمل، اسم کی اقسام        |                            |
| UG5.17     | باب 9    | ہمارے پیشے              | سبق کا مطالعہ                   | صفحہ نمبر 59، 60، 61       |
| UG5.18     |          |                         | الفاظ معنی، کالم، کثیر الانتخاب | صفحہ نمبر 62، 63           |

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| UG5.21 | باب 11 | حضرت عثمان              | سبق کا مطالعہ            | صفحہ نمبر 77,78   |
| UG5.22 |        |                         | الفاظ معنی، خالی جگہ، 3٪ | صفحہ نمبر 79,80   |
| UG5.23 |        |                         | سوالات                   | صفحہ نمبر 80      |
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| UG5.26 | باب 3  | رحمت عالم               | ٹیسٹ                     |                   |
| UG5.27 | باب 12 | دنیا آپ کی مٹھی میں     | سبق کا مطالعہ            | صفحہ نمبر 85,86   |
| UG5.28 |        |                         | الفاظ معنی، خالی جگہ، 3٪ | صفحہ نمبر 87      |
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| UG5.30 |        |                         | ٹیسٹ                     |                   |
| UG5.31 | باب 4  | اے وطن تو سلامت رہے     | ٹیسٹ                     |                   |
| UG5.32 | باب 13 | ہم پھول اک چمن کے       | سبق کا مطالعہ            | صفحہ نمبر 92      |
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| UG5.38 | باب 15 | آئیں مدد کریں           | سبق کا مطالعہ            | صفحہ نمبر 103,104 |
| UG5.39 |        |                         | 1,2٪                     | صفحہ نمبر 105     |
| UG5.40 |        |                         | 3,4٪                     | صفحہ نمبر 106     |
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| UG5.42 | باب 9  | ہمارے پیشے              | ٹیسٹ                     |                   |
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| UG5.48 | باب 11 | حضرت عثمان              | ٹیسٹ                     |                   |
| UG5.49 | باب 18 | ایک قدیم شہر            | سبق کا مطالعہ            | صفحہ نمبر 123,124 |
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| UG5.54 | باب 19 | حُسنِ سلوک                                      | سبق کا مطالعہ                    | صفحہ نمبر 131، 130 |
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| UG5.59 |        | گرامر   | اسم، فعل، حرف                    |                    |
| UG5.60 |        |   | اسم کی اقسام                     |                    |
| UG5.61 |        |   | کہانی                            |                    |
| UG5.62 |        |   | کہانی                            |                    |
| UG5.63 |        |   | کہانی                            |                    |
| UG5.64 |        |   | واحد، جمع                        |                    |
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| UG5.68 |        |   | درخواست (سکول چھڑنے کا سرٹیفکیٹ) |                    |
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| UG5.71 | باب 4  | اے وطن تو سلامت رہے                             | ٹیسٹ                             |                    |
| UG5.72 |        | حمد، رحمتِ عالم، اے وطن تو سلامت رہے            | ٹیسٹ                             |                    |
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| UG5.74 | باب 9  | ہمارے پیشے                                      | ٹیسٹ                             |                    |
| UG5.75 | باب 11 | حضرت عثمان                                      | ٹیسٹ                             |                    |
| UG5.76 |        | جو وعدہ کرو سو پورا کرو، ہمارے پیشے، حضرت عثمان | ٹیسٹ                             |                    |
| UG5.77 |        |   | half book test                   |                    |
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| UG5.79 | باب 13 | ہم پھول اک چمن کے                               | ٹیسٹ                             |                    |
| UG5.80 | باب 15 | آئیں مدد کریں                                   | ٹیسٹ                             |                    |

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| UG5.81 |        | دنیا آپ کی مٹھی میں، ہم پھول اک چمن<br>کے، آئیں مدد کریں | ٹیٹ |  |
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#### 4.3.5 Grade 5 Islamiyat

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| IG5.01     | باب اول (قرآن مجید و حدیث نبوی ﷺ) | حفظ قرآن مجید           | سورہ الفیل، سورہ قمر، آیت الکرسی   | صفحہ نمبر 2,3              |
| IG5.02     |                                   | حفظ و ترجمہ             | سورہ فاتحہ بمعہ ترجمہ  | صفحہ نمبر 5                |
| IG5.03     |                                   |                         | التحیات بمعہ ترجمہ   | صفحہ نمبر 6                |
| IG5.04     |                                   |                         | درود ابراہیمی بمعہ ترجمہ   | صفحہ نمبر 6                |
| IG5.05     |                                   | -                       | حضرت ابراہیم علیہ السلام کی دعا (مع ترجمہ) + دنیا اور آخرت کی بھلائی کی دعا (مع ترجمہ) | صفحہ نمبر 7                |
| IG5.06     |                                   | احادیث                  | احادیث بمعہ ترجمہ  | صفحہ نمبر 8                |
| IG5.07     |                                   |                         | احادیث بمعہ ترجمہ  | صفحہ نمبر 9                |
| IG5.08     |                                   | دعائیں (زبانی)          | سواری کی دعا، گھر میں داخل ہونے کی دعا، گھر سے نکلنے کی دعا                            | صفحہ نمبر 10، 11           |
| IG5.09     | باب دوم (ایمانیات و عبادات)       | آخرت                    | 4# (الف)۔ 3# (ب)   | صفحہ نمبر 14 (مشق)         |
| IG5.10     |                                   |                         | 3# (ج)۔ 2# (1,2)   |                            |
| IG5.11     |                                   | ختم نبوت و اطاعت رسول ﷺ | 4# (الف)۔ 2#   | صفحہ نمبر 19 (مشق)         |
| IG5.12     |                                   |                         | 3# (1,3)   |                            |
| IG5.13     |                                   | عبادات (زکوٰۃ)          | 3# (ب)   | صفحہ نمبر 23 (مشق)         |
| IG5.14     |                                   |                         | 2# (1,2)   |                            |
| IG5.15     |                                   | جمعہ مبارک کی فضیلت     | 4# (1,4)   | صفحہ نمبر 28 (مشق)         |
| IG5.16     |                                   |                         | 3# (2,3)   |                            |
| IG5.17     | باب سوم (سیرت طیبہ ﷺ)             | معراج النبی ﷺ           | 4# (ب)   | صفحہ نمبر 37 (مشق)         |
| IG5.18     |                                   |                         | 3# (1,2,3)   |                            |
| IG5.19     |                                   | ہجرت مدینہ              | 3# (1,3)   | صفحہ نمبر 46 (مشق)         |



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| IG5.20 |   |   | (2,4)#٪        |                     |
| IG5.21 |   | مسجد نبوی ﷺ                             | 1#٪، 4#٪ (ب)   | صفحہ نمبر 54 (مشق)  |
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| IG5.23 | باب چہارم (اخلاق و آداب)                        | عفو و درگزر و رحم دلی                   | (1,3)#٪        | صفحہ نمبر 71 (مشق)  |
| IG5.24 |   |   | (2,4)#٪        |                     |
| IG5.25 |   | کفایت شعاری                             | (1,4)#٪        | صفحہ نمبر 75 (مشق)  |
| IG5.26 |   |   | (2,3)#٪        |                     |
| IG5.27 | باب پنجم (حسن معاملات و معاشرت)                 | ایمانی عہد                              | 1#٪، 4#٪ (الف) | صفحہ نمبر 79 (مشق)  |
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| IG5.29 |   | چغل خوری                                | 1#٪، 4#٪ (ب)   | صفحہ نمبر 87 (مشق)  |
| IG5.30 |   |   | (2,3)#٪        |                     |
| IG5.31 | باب ششم (ہدایت کے سرچشمے اور مشاہیر اسلام)      | حضرت علی المرتضیٰ (رضی اللہ تعالیٰ عنہ) | (1,3)#٪        | صفحہ نمبر 101 (مشق) |
| IG5.32 |   |   | 2#٪، 4#٪ (ب)   |                     |
| IG5.33 |   | صوفیہ کرام (رحمۃ اللہ علیہ)             | 1#٪، 4#٪ (الف) | صفحہ نمبر 105 (مشق) |
| IG5.34 |   |   | (2,3)#٪        |                     |
| IG5.35 | باب ہفتم (اسلامی تعلیمات اور عصر حاضر کے تقاضے) | حادثات سے بچنے کی تدابیر                | 1#٪، 4#٪ (ب)   | صفحہ نمبر 110 (مشق) |
| IG5.36 |   |   | (2,3)#٪        |                     |
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| IG5.38 |   | احادیث، دعائیں                          | ٹیٹ مشق        | صفحہ نمبر 8 تا 11   |
| IG5.39 | باب دوم (ایمانیات و عبادات)                     | آخرت، ختم نبوت                          | ٹیٹ مشق        | 14, 19              |
| IG5.40 |   | زکوٰۃ، جمعہ مبارک کی فضیلت              | ٹیٹ مشق        | 23, 25              |
| IG5.41 | باب سوم (سیرت طیبہ ﷺ)                           | معراج النبی، ہجرت مدینہ                 | ٹیٹ مشق        | 37, 46              |

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| IG5.42 | باب چہارم (اخلاق و آداب)                   | عفو و درگزر و رحم دلی، کفایت شعاری                               | ٹیٹ مشق      | 71,75   |
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## 4.5 Curriculum for Matriculation

Matriculation (Grade 9 Arts & Science) is only taking place in the hubs as pilot and curriculum is of National Curriculum 2006.

## 5. CLASSROOM INSTRUCTION

Classroom Instruction is defined as “the purposeful direction of learning process”, sometimes it is also known as instructional planning. The basic purpose of instruction is to make students understand knowledge and concepts to apply into real world situation, to solve problems, and to create new knowledge.

To make students understand the concept or theory a teacher must plan a meaningful lesson in a way that it is engaging, purposeful, challenging and ensures success of all students in the classroom. We encourage teachers to use variety of different techniques, instructional models and activities. We support techniques and activities which have physical involvement, that means learner/students learn by doing or playing.

ITA and University of Waterloo has worked together and make a repository of online resource which you can access [HERE](#) and use in your classroom.

### 5.1 Lesson Planning

For purposeful and meaningful classroom instruction/teaching great teachers always plan their lesson. There are variety of different lesson plan models. We support and ask our teachers to use 5E Model for their instructional planning/lesson planning. A summary of 5E model is given below. 5Es represent.

1. Engagement
2. Exploration
3. Explanation
4. Elaboration
5. Evaluation

|   |
|---|
| <b>Name of Teacher:</b>   |
| <b>Date:</b>  |
| <b>Subject / grade level:</b>   |
| <b>Material(s):</b>   |
| <b>Lesson objective(s):</b><br>1.<br><b>SLO(s) from National Curriculum:</b><br>1.<br>2.<br>3.  |
| <b>Differentiation strategies to meet diverse learner needs:</b><br>1.  |
| <b>Online Resources [Video(s), App(s), Game(s) etc]:</b><br>1.  |
| <b>ENGAGEMENT</b><br>1. Describe how the teacher will capture students' interest.<br>2. What kind of questions should the students ask themselves after the engagement?                                     |
| <b>EXPLORATION</b><br>1. Describe what hands-on/minds-on activities students will be doing.<br>2. List "big idea" conceptual questions the teacher will use to encourage and/or focus students' exploration |



### EXPLANATION

1. Student explanations should precede introduction of terms or explanations by the teacher. What questions or techniques will the teacher use to help students connect their exploration to the concept under examination?
2. List higher order thinking questions which teachers will use to solicit *student* explanations and help them to justify their explanations.

### ELABORATION

1. Describe how students will develop a more sophisticated understanding of the concept.
2. What vocabulary will be introduced and how will it connect to students' observations?
3. How is this knowledge applied in our daily lives?

### EVALUATION

1. How will students demonstrate that they have achieved the lesson objective?
2. This should be embedded throughout the lesson as well as at the end of the lesson

## 5.2 Model 5E Lesson Plan

**Name of Teacher: MUHAMMAD FIDA HUSSAIN FIDA**

**Date: 05/08/2018**

**Subject / grade level: SCIENCE**

#### Material(s):

1. White Board
2. Duster
3. Markers of three different colors (Green, Black and Blue)
4. Bacterial Specimen (3 different)
5. Algae Specimen (3) different
6. Fungi specimen (3 different)
7. Animal Specimen (3 different)
8. 3 plants (teacher can buy from nursery).

#### Lesson objective(s):

By the end of this lesson students will be able to:

1. Explain five kingdom classifications of living organisms

#### SLO(s) from National Curriculum:

1. Differentiate between unicellular and multicellular organisms
2. Define classification of organisms
3. Explain the need for and importance of classification of living organisms
4. Know five kingdoms of living organisms

#### Differentiation strategies to meet diverse learner needs:

For differentiation teacher will use:

1. Inquiry based teaching, students will observe living and nonliving organisms to explain differences, and to classify living organism

#### Online Resources [Video(s), App(s), Game(s) etc]:

1. Organism Image Available [HERE](#)

#### ENGAGEMENT:

1. Teacher will start the lesson by asking students, have you ever thought of world around us? Have you ever noticed difference among the living organisms around us? Have you heard that millions of organisms live inside our body or on our skin? What are they?
2. Some of the living organisms we have in this classroom. I want you to observe them and answer the questions I'm going to ask later.
3. Teacher should make three stations and should place one specimen from bacteria, fungi, algae, plant, and animal on each table. (Ideally teacher should do this work before the class starts)
4. Divide the students into three groups by counting 1 to 3 and then make groups by placing all ones in group one, twos in group two, same for threes

5. Send group one to station one and so on.

#### EXPLORATION:

1. Teacher will ask each group to find the answers to the following questions:
  - a. What are differences and similarities among these organisms?
  - b. What does these differences and similarities represent?
  - c. What characteristics these organisms have?
  - d. What is the difference between a living organisms and non-living organism?
3. Students will observe the displayed organisms and record their observation on their notebooks.
4. After observations teacher will ask students 'can you divide these organisms into different groups based on their similar and different characteristics?
5. Teacher can also record student's observation on whiteboard by asking students what they have observed.

#### EXPLANATION:

1. Teacher will explain that all the organism which are unicellular are very small and we human can't see them. All the organisms originate from a single cell, some remain single celled organisms and other divide their cell and become multicellular by dividing them again and again. Bacteria is single celled organism, and we see them with microscope but when millions of bacteria are put together into one culture that looks like mud as you have observed. Plants and we human are multicellular; plants and we have billions of cells in us. Fungus and algae are also multicellular.
2. Teacher will also explain how based on the similarities and differences, organisms are classified into kingdoms, and what classification is by giving examples of the sample organisms which students have just observed.

#### ELABORATION:

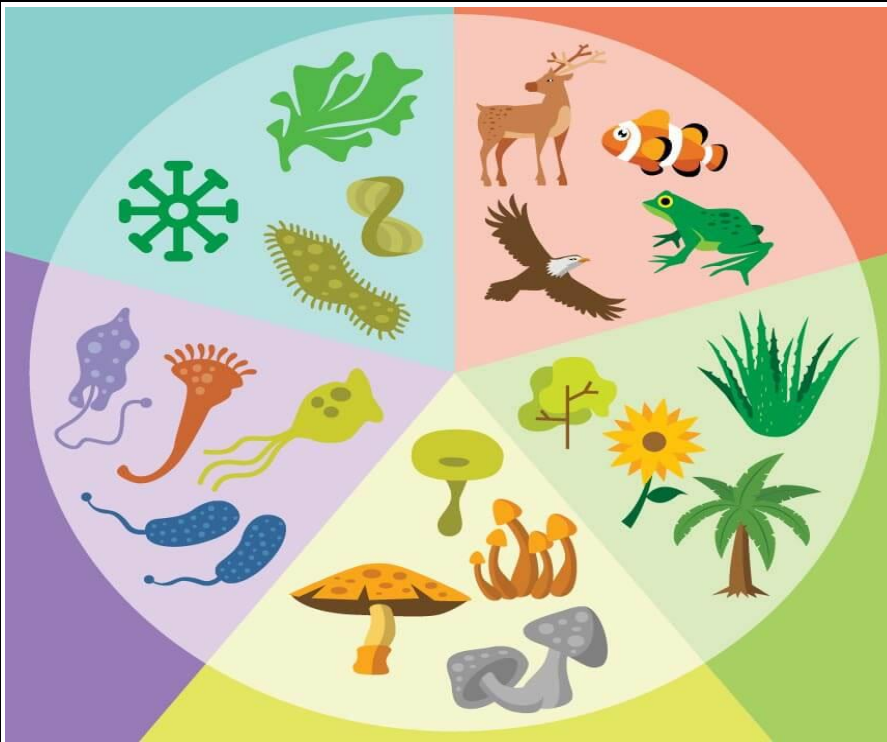
1. Teacher will ask students to make a list of 10 or more organisms they have seen in their life. Teacher can scaffold by giving examples of bread mold, and water algae.
2. Teacher will ask students to classify this list in their groups into five kingdoms.
3. At the end teacher will elaborate all the terms used in this lesson and recap it.

#### EVALUATION:

1- Define classification?

2- Describe the need for and importance of classification.

3- See the following picture and identify the organisms which are in the kingdom Monera, Protista, and fungi.



Name the organism of each kingdom in blanks

1- **Kingdom Monera** is

2- **Kingdom Protista** is

3- **Kingdom Fungi** is

## 6. ASSESSMENTS

We have designed a curriculum and delivered it effectively with careful classroom instruction. How can we check if students are learning? Has any progress been made in their learning levels? Are their educational needs being met?

Assessments provide the answers to these questions. Assessments are an integral part of learning and refer to a variety of methods and tools that teachers use to measure the academic progress of students, as diagnostic assessments to know the academic readiness or learning level of students.

In A<sup>3</sup>G, we are using three types of assessments:

1. Diagnostic Assessments
2. Formative Assessments
3. Summative Assessments

### 6.1 Diagnostic Assessments

Diagnostic assessments refer to initial assessments taken to determine student learning levels in order to place them in appropriate programs, devise a curriculum and tailor instruction accordingly. Baseline assessments are a form of diagnostic assessments. As teacher, you will take baseline assessments of your students to place them into appropriate courses. You can also use diagnostic assessments at the start of any topic or chapter to determine the prior knowledge of students in your classroom and then plan instruction accordingly to best meet your students' needs.

## 6.2 Formative Assessments

Formative assessments are ongoing assessments that monitor learning and provide ongoing feedback to students, identifying areas of weakness and strengths as early as possible. Diagnostic assessment and end of the lesson assessments are included in this.

As a teacher, you will be conducting weekly assessments of all subjects and maintaining each child's individual record in a notebook/register on the format given below:

### 6.2.1 Formative Assessment Reporting Sheet (Format)

School Name: \_\_\_\_\_ School Code: 

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

Teacher(s) Name:\_\_\_\_\_

[illegible]

You will take these assessments in the last lesson of day; you should allocate the last 30 minutes of your timetable for this purpose.

The assessment schedule will be as follows:

| Day       | Assessment Subject |
|-----------|--------------------|
| Monday    | Science            |
| Tuesday   | Urdu               |
| Wednesday | English            |
| Thursday  | Islamiat           |
| Friday    |                    |
| Saturday  | Mathematics        |
| Sunday    |                    |

## 6.3 Summative Assessments

Summative assessments usually take place at the end of chapter or unit. Final examinations and midterms are examples of summative assessments. We will be taking summative assessments from the syllabus provided to you in this toolkit. These assessments will be like the PEC assessments. You can check details on the pattern and instruments of this test [HERE](#). Teachers' guideline about this test is also available [HERE](#) on the website of [PEC](#). This test will be devised at the ITA Head Office and will be administered either by our academic associates, hub team or academic coordinator.

## 7.TIMETABLE

### 7.1 STP & STM Timetable (Morning)

| Time      | 08:30-08:40              | 08:40-09:20 | 09:20-10:20 | 10:20-11:00 | 11:00-11:40 | 11:40-12:00 | 12:00-13:00 | 13:00-13:30                     |
|-----------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|
| Monday    | Warm Up & Group Activity | Urdu        | Mathematics | Science     | Islamiyat   | Break       | English     | Science (Assessment/Sports)     |
| Tuesday   |                          | Urdu        | Mathematics | Science     | Science     |             | English     | Urdu (Assessment/Sports)        |
| Wednesday |                          | Mathematics | Mathematics | Science     | Islamiyat   |             | English     | English (Assessment/Sports)     |
| Thursday  |                          | Urdu        | Mathematics | Science     | Science     |             | English     | Islamiyat (Assessment/Sports)   |
| Saturday  |                          | Mathematics | Mathematics | Science     | Islamiyat   |             | English     | Mathematics (Assessment/Sports) |
| Time      |                          | 08:40-09:20 | 09:20-10:10 | 10:10-10:50 | 10:50-11:20 | 11:20-11:40 | 11:40-12:30 | -                               |
| Friday    |                          | Urdu        | Mathematics | Science     | LSBE        | Break       | English     | -                               |

### 7.2 STP & STM Timetable (Evening)

| Time      | 12:30-12:40              | 12:40-13:20 | 13:20-14:20 | 14:20-15:00 | 15:00-15:40 | 15:40-16:00 | 16:00-17:00 | 17:00-17:30                     |
|-----------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|
| Monday    | Warm Up & Group Activity | Urdu        | Mathematics | Science     | Islamiyat   | Break       | English     | Science (Assessment/Sports)     |
| Tuesday   |                          | Urdu        | Mathematics | Science     | Science     |             | English     | Urdu (Assessment/Sports)        |
| Wednesday |                          | Mathematics | Mathematics | Science     | Islamiyat   |             | English     | English (Assessment/Sports)     |
| Thursday  |                          | Urdu        | Mathematics | Science     | Science     |             | English     | Islamiyat (Assessment/Sports)   |
| Saturday  |                          | Mathematics | Mathematics | Science     | Islamiyat   |             | English     | Mathematics (Assessment/Sports) |
| Time      |                          | -           | -           | 13:20-14:10 | 14:10-14:50 | 14:50-15:20 | 15:20-15:40 | 15:40-16:30                     |
| Friday    |                          | -           | -           | Urdu        | Mathematics | Science     | Break       | LSBE                            |
|           |                          |             |             |             |             |             |             | English                         |

| 7.3 CPB (Morning) |                          |             |             |                      |             |             |
|-------------------|--------------------------|-------------|-------------|----------------------|-------------|-------------|
| Time              | 08:30-08:40              | 08:40-09:50 | 09:50-11:00 | 11:00-11:40          | 11:40-12:00 | 12:00-13:30 |
| Monday            | Warm Up & Group Activity | Urdu        | Mathematics | LSBE/English Phoenix | Break       | English     |
| Tuesday           |                          |             |             |                      |             |             |
| Wednesday         |                          |             |             |                      |             |             |
| Thursday          |                          |             |             |                      |             |             |
| Saturday          |                          |             |             |                      |             |             |
| Time              |                          | 08:40-09:50 | 09:50-10:50 | 10:50-11:20          | 11:20-11:40 | 11:40-12:30 |
| Friday            |                          | Urdu        | Mathematics | English Phoenix      | Break       | English     |

| 7.4 CPB (Evening) |                          |             |             |                      |             |             |
|-------------------|--------------------------|-------------|-------------|----------------------|-------------|-------------|
| Time              | 12:30-12:40              | 12:40-13:50 | 13:50-15:00 | 15:00-15:40          | 15:40-16:00 | 16:00-17:30 |
| Monday            | Warm Up & Group Activity | Urdu        | Mathematics | LSBE/English Phoenix | Break       | English     |
| Tuesday           |                          |             |             |                      |             |             |
| Wednesday         |                          |             |             |                      |             |             |
| Thursday          |                          |             |             |                      |             |             |
| Saturday          |                          |             |             |                      |             |             |
| Time              | 13:20-13:40              | 13:40-14:50 | 14:50-15:50 | 15:50-16:20          | 16:20-16:40 | 16:40-17:30 |
| Friday            | Warm Up                  | Urdu        | Mathematics | English Phoenix      | Break       | English     |