

# WEEKLY SYLLABI BREAKDOWN: ACADEMIC SESSION 2020-21

## GENERAL SCIENCE: CLASS - VI

Science Fact File

Book - 1

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
1	<b>Ice-Breaking at the Session Commencement</b> [Introduction with classes, Overview of Textbooks/ Syllabi/ Time Table and General Academic Scheduling]	Introduction of students with his/her classmates, Teachers and School environment
	(Pages 2-7) Unit 1: <b>SCIENCE SKILLS</b> What is science, Laboratory safety, taking measurements, Test yourself	Spring Day
2	(Pages 7-15) Unit 1 (contd) Only overview to be given. The content is <b>non-examinable</b>	Two-minute talk by 2-3 children in each class daily revealing their talents and building their confidence
3	(Pages 16-18) Unit 2: <b>LIFE AND LIVING THINGS</b> Introduction, Life processes, Test yourself	Talk on National Security
4	(Pages 19-22) Unit 2 (contd) Cells, Special cells for special jobs, Cells, Tissues, and Organs, Test yourself	Importance of Ramadan
5	(Pages 23-28) Unit 2 (contd) Organ systems, Sense organs, Test yourself	Importance of Labour Day
6	(Pages 29-31) Unit 2 (contd) Exercise	Celebration of Mother's Day
7	(Pages 32-39) Unit 3: <b>ENERGY RESOURCES</b> Introduction, Fossil fuels, Burning fossils fuels, How long will fossil fuels last? Only overview to be given. The content is <b>non-examinable</b>	
8	(Pages 40-49) Unit 3 (contd): Renewable energy sources, Energy from living things, How do living things use energy? Exercise. Only overview to be given. The content is <b>non-examinable</b>	Teacher will guide the students to develop their personal diaries/scrap book/observations to record their summer vacation activities (no specific format or layout) Importance of Eid ul Fitar
9	<b>REVISION OF ALL CORE CONCEPTS</b>	
10	(Pages 50-54) Unit 4: <b>ELECTRICAL CIRCUITS</b> Introduction, conductors and insulators, More electrical components, Test yourself	Sharing the Summer Vacation diaries etc.
11	(Pages 54-58) Unit 4 (contd) Current, Voltage, Series circuits, Test yourself	Celebration of Independence Day
12	(Pages 59-62) Unit 4 (contd) Parallel circuits, Parallel circuits in the home, Test yourself	

13	(Pages 62-67) <b>Unit 4 (contd)</b> Resistance, Test yourself, Exercise	
14	(Pages 68-72) <b>Unit 5: PLANTS AND PHOTOSYNTHESIS</b> Introduction, The chemistry of photosynthesis, The starch test, Testing the equation, Test yourself	<u>Defence Day Celebration</u> <u>Importance of Ashora-e-Moharram</u>
15	(Pages 73-75) <b>Unit 5 (contd)</b> What happens to the glucose? Plants need water, Plants need minerals, Test yourself	
16	(Pages 76-79) <b>Unit 5 (contd)</b> Exercise	
17	(Pages 80-84) <b>Unit 6: PARTICLES</b> Introduction, The particle model of Solids, Liquids, and Gases, Evidence for the particle model, Test yourself	
18	(Pages 85-89), <b>Unit 6 (contd)</b> Expansion and contraction, Pressure in gases, Test yourself, Exercise	
19	<b>REVISION OF ALL CORE CONCEPTS</b>	<u>Celebration of World Teacher's Day</u>
20 – 21	<b>MID-TERM EXAM (PLAIN AREAS)</b>	
22	(Pages 90-95) <b>Unit 7: FORCES AND THEIR EFFECTS</b> Introduction, Why do things float? Stretchy materials, What is weight? Test yourself	<u>Importance of Rabi-ul Awal and Seert-un-Nabi</u>
23	(Pages 95-101) <b>Unit 7 (contd)</b> Slowing things down,Stopping a car, Test yourself, Exercise	
24	(Pages 102-104) <b>Unit 8: FOOD AND DIGESTION</b> Introduction, Food types, Food tests, Test yourself	<u>Celebrations of Iqbal's Day</u>
25	(Pages 105-109) <b>Unit 8 (contd)</b> Digestion, Test yourself	
26	(Pages 109-113) <b>Unit 8 (contd)</b> Enzymes, What affects enzymes, Test yourself	
27	(Pages 114-117) <b>Unit 8 (contd)</b> Exercise	
28	(Pages 118-123) <b>Unit 9: ELEMENTS, COMPOUNDS, AND MIXTURES</b> Introduction, What is an element?	
29	(Pages 123-127) <b>Unit 9 (contd)</b> What is an atom? Molecules, Compounds and mixtures, A mixture called air, Test yourself	<u>National Resolve Day to Promote Education</u>
30	(Pages 127-131) <b>Unit 9 (contd)</b> Compounds and their uses, Exercise	<u>Celebration of Quaid's Day</u>

Academic Week	Unit/Chapter & Topic	Personality Grooming Activities
31	(Pages 132-138) <b>Unit 10: THE SOLAR SYSTEM</b> Introduction, The planets of our solar system, Planets facts, Days, Month and Years, The seasons. Only overview to be given. <i>The content is <u>non-examinable</u></i>	
32	(Pages 139-147) <b>Unit 10 (contd)</b> The moon and eclipses, Information from space, Exercise. Only overview to be given. <i>The content is <u>non-examinable</u></i>	<u>Talk on Discipline, Hard work and Motivation</u>
33	(Pages 148-156) <b>Unit 11: THE ENVIRONMENT</b> Introduction, Where things live, Food chains, Food webs, Investigating food webs, Change part of a food web and... Only overview to be given. <i>The content is <u>non-examinable</u></i>	
34	(Pages 157-163) <b>Unit 11 (contd)</b> Energy flow through ecosystems, Predator and prey, Exercise. Only overview to be given. <i>The content is <u>non-examinable</u></i>	
35	(Pages 164-167) <b>Unit 12: SOLUTIONS</b> Introduction, Separating solids from liquids, Crystals from solutions, Test yourself	<u>Kashmir Day</u>
36	(Pages 168-171) <b>Unit 12 (contd)</b> Liquids from solutions, Separating coloured substances, Separating solids from a mixtures, Test yourself	
37	(Pages 171-175) <b>Unit 12 (contd)</b> Solubility, Test yourself, Exercise	<u>Farewell Party</u>
38	<b>Revision (Preferably through conceptual activities where possible)</b>	
39- 40	<b>ANNUAL EXAM (PLAIN AREAS)</b>	

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