GOVERNMENT OF GILGIT-BALTISTAN
BOARD OF ELEMENTARY EXAMINATION
GILGIT–BALTISTAN
No. BEEGB (G)-2(1) Exam (Secrecy)/2025

Gilgit, the 16th March, 2026

To,

The Deputy Director Education, Gilgit, Ghizer,Hunza,Nager , Diamer,Astore, Skardu,Ghanche,Shiger & Kharmang

Subject: **REQUEST FOR DISSEMINATION AND IMPLEMENTATION OF SYLLABUS BREAK UP DOCUMENTS FROM GRADE 6 TO 8 FOR THE ACADEMIC SESSSION 2026**

As per past practice the BEEGB academic team in collaboration with CPLICs and the subject experts of SEDGB Baltistan and Gilgit Division has prepared syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Considering the suggestions of the stakeholders of SEDGB the documents for this academic session will be disseminated class-wise, subject-wise and zone -wise separately to make them easily accessible for all stakeholders instead of sending all documents in a single file which becomes very bulky and cannot be downloaded easily.

In this regard, all the respected DDEs are requested to distribute the said documents among all stakeholders and ensure proper implementation in true letter and spirit please.

(Abdul Hamid)
Controller Board of Elementary Examination Gilgit- Baltistan
Phone #: 05811-940888

Copy for Information to:

1. The Secretary SEDGB
2. The DG SEDGB
3. The Divisional Director Gilgit, Baltistan and Diamer- Astore
4. The Divisional Assistant Controllers BEEGB for Gilgit,Baltistan and Diamer-Astore

ACKNOWLEDGEMENT

The BEEGB Academic team extends its gratitude to the following subject experts of SEDGB for their cooperation in preparing the syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Facilitators: Ms. Memona Abbas Dy. Controller BEEGB & Ms. Zareen Taj DD Research and Secrecy BEEGB **Technical Support : Mr. Akbar Ali DD IT BEEGB**				
S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
1	English	Mr. Javed Iqbal CPLIC, TSDC	Mr. Mubarak Hussain CPLIC, TSDC	Ms. Afshan Nasir Instructor, CoE for Women Gilgit
2	Urdu	Ms. Sabika Khatoon SST, GHS Khomer Gilgit	Mr. Shakeel Hussain EST,BHS Minawer Gilgit	Nasir Abbas CPLIC, TSDC
3	Mathematics	Mr. Aziz Ahmad CPLIC, TSDC	Mr. Sajjad Hussain DD Finance & SE Maths, BEEGB	Mr. Dlair Shah Subject Expert (SE) Maths, BEEGB
4	Science	Mr. Asghar Ali CPLIC, TSDC	Mr. Abdul Bari DD Conduct & SE Science, BEEGB	Mr. Abdul Ghaffar AD Secrecy & SE Science, BEEGB
5	Islamiat	Mr. Nasir Hussain OT, BMS Jutal	Dr. Ikram uddin CPLIC, TSDC	Mr. Faqir Muhammad DD Admin and SE Islamiat, BEEGB
6	Geography	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB

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S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
7	History	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB
8	Computer Science	Ms. Nida Shaheen IT Expert, BEEGB	Mr. Shoukat Ali AD Conduct and SE, BEEGB	Ms. Nida Shaheen IT Expert, BEEGB
9	Agriculture	Mr. Ghulam Rasool TGT, HS No.1 Skardu	Mr. Maqsood Hussain TG, BHS Keris	Mr. Tariq Hussain CPLIC, TSDC
10	Drawing	Kacho Sadaqat FP,BEEGB Office Skardu	Mr. Ali Muhammad TGT, BHS Keris	Mr. Khadim Hussain AD IT & SE, BEEGB
11	Home Economics	Ms. Siddiqa Batool EST, GHS Skardu	Ms. Amber Rehman EST, GHSS Kashrote Gilgit	Ms. Muneera Akhtar Instructor, CoE for Women Gilgit
12	Arabic	Mr. Abdul Aziz OT BHS No.1 Gilgit	Mr. Abdul Basit OT BHS Hatoon Ghizer	Mr. Qasim Iqbal OT BHS Konodass Gilgit

CENTRALIZED SYLLABUS BREAK- UP 2026

EXTREME SUMMER ZONE

Subject: General Science **Class: 6**

Domain A: Life Sciences

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	17 days	From	To
I. Cellular Organization	Cellular Organization (Cell to Organism)	1. Recognize cells as the basic unit of life that are organized into tissues, organs, systems and organisms.		✓		2 days	05 Jan. 2026	06 Jan. 2026
		2. Arrange in order different levels of cellular organizations – cells to tissues, organs and organisms.		✓		1 day	07 Jan 2026	07 Jan 2026
	Types of Cells	3. Relate the structures of some common cells to their functions, i.e. • nerve cells • muscle cells • epithelial cells • blood cells		✓		1 day	08 Jan 2026	08 Jan 2026
	Structures of animal and plant cells	4. Identify the structures present in an animal cell and plant cell as seen under a simple microscope relate them to their functions, i.e. • cell membrane		✓		3 days	9 Jan 2026	12 Jan 2026

		• cytoplasm • nucleus • cell wall • chloroplast • mitochondria • sap vacuole.						
	Comparison of animal and plant cell	5. Describe the similarities and differences between the structures of plant and animal cells.		✓		2 days	13 Jan 2026	14 Jan 2026
		6. Sketch the animal and plant cells and label key organelles in each.			✓	2 days	15 Jan 2026	16 Jan 2026
		7. Prepare temporary slides of onion peels and cheek cells. 8. Compare and contrast an animal cell and plant cell with reference to the slides prepared in SLO 7.		✓	✓P	2 days	17 Jan 2026	19 Jan 2026
Revision and Unit End Assessment						**4 days**	**20** Jan 2026	**23** Jan 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	10 days	From	To
II. Reprodu	Types of Reproduction	1. Describe the different types of reproduction of plants.		✓		1 day	24 Jan 2026	24 Jan 2026

ction in Plants	(sexual and asexual)	2. Compare and contrast types of reproduction (sexual and asexual) in plants.		✓		1 day	26 Jan 2026	26 Jan 2026
	Natural and Artificial Vegetative Propagation in Plants	3. Distinguish between artificial and natural asexual reproduction in plants. i.e. • budding • grafting • bulbs • tuber • runners • cutting • layering		✓		3 days	27 Jan 2026	29 Jan, 2026
	Advantages of Vegetative Propagation	4. Inquire how artificial propagation can lead to better quality yield in agriculture.			✓	1 day	30 Jan., 2026	30 Jan 2026
Revision and Unit End Assessment						**4 days**	31 Jan 2026	**4** Feb., 2026

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**14 days**	**From**	**To**

III. Balanced Diet	Nutrients and their Function	1. Define nutrients and nutrition. 2. Identify the constituents/ nutrients of a balanced diet for humans as including • Protein • Carbohydrates • fats and oils • water • minerals (limited to calcium and iron) • vitamins (limited to A, C and D) • fibre	✓	✓		2 days	06 Feb., 2026	07 Feb., 2026
		3. Describe the functions of nutrients identified in SLO 1.		✓		2 days	09 Feb., 2026	10 Feb., 2026
	Nutrients and their Composition	4. Identify the essential nutrients, their chemical composition, and food sources.		✓		2 days	11 Feb., 2026	12 Feb., 2026
	Nutrition Deficiency Disorders	5. Identify essential nutrients' deficiency disorders. 6. Describe essential nutrients' deficiency disorders.		✓ ✓		2 days	13 Feb., 2026	14 Feb., 2026
	Balanced Diet	7. Recognize that a healthy diet contains a balance of foodstuffs.		✓		1 day	16 Feb., 2026	16 Feb., 2026
	Diet and Fitness	8. Correlate diet and fitness.		✓		1 day	17 Feb., 2026	17 Feb., 2026
Revision and Unit End Assessment						**4 days**	**18** Feb., 2026	**21** Feb., 2026

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**17 days**	**From**	**To**

IV. Human Digestive System	Digestion	1. Define digestion and digestive system. 2. State the importance of digestion in the human body.	✓ ✓			1 day	23 Feb., 2026	24 Feb., 2026
		3. Describe physical and chemical digestion.		✓		2 days	24 Feb., 2026	25 Feb., 2026
	Human Digestive System	4. Sequence the main regions of alimentary canal and its associated organs.		✓		1 day	26 Feb., 2026	26 Feb., 2026
		5. Describe the functions of different parts of the Alimentary Canal.		✓		4 days	27 Feb., 2026	03 March, 2026
		6. Describe the role of enzymes in digestion.		✓		1 day	04 March, 2026	04 March, 2026
		7. Explain that blood transports the products of digestion to other parts of the body.		✓		1 day	05 March, 2026	05 March, 2026
		8. Explain that the undigested products get egested/ defecated.		✓		1 day	06 March, 2026	06March, 2026
	Digestive Disorders	9. Describe vomiting, diarrhea and constipation as digestive disorders. 10. State the causes of digestive disorders.	 ✓	✓		2 days	07 March, 2026	09 March, 2026
Revision and Unit End Assessment						**4 days**	**10** March, 2026	**13** March, 2026

Domain B: Physical Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
V. Matter as Particles	Particle Theory of Matter	1. Explain the Particle Theory of Matter.		✓		1 day	14 March, 2026	14 March, 2026
		2. Investigate the movement and arrangement of particles in three states of matter using particle model of matter.			✓	2 days	16 March, 2026	17 March, 2026
		3. Explain why gases and liquids take the shape of their containers but solids do not, in terms of the Particle Theory of Matter.		✓		1 day	18 March, 2026	18 March, 2026
		4. Discuss, using the particle theory of matter, why liquids and gases can flow easily but solids cannot.		✓		1 day	19 March, 2026	19 March, 2026
		5. Interpret the evidence for the existence of the particles in matter by observing daily life examples such as • adding air to expand a basketball • compressing air in a syringe • dissolving sugar in water • evaporating salt water.			✓	2 days	20 March, 2026	24 March, 2026
	Diffusion	6. Apply the particle theory of matter to explain diffusion.			✓	2 days	25 March, 2026	26 March, 2026
	Changes in States of Matter	7. Explain the changes in states of matter using the particle model of matter, i.e. • Melting • Freezing • Evaporation • Condensation • Sublimation		✓		3 days	27, March, 2026	30 March, 2026
Revision and Unit End Assessment						**4 days**	**31 March**, 2026	**03** April, 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	19 days	From	To
VI. Elements and Compounds	Structure of Matter	1. Describe the structure of matter in terms of particles (i.e., atoms and molecules).		✓		1 day	04 April, 2026	04 April, 2026
		2. Describe molecules as a combination of atoms (e.g., H:0, 02 & CO2).		✓		1 day	06 April, 2026	06 April, 2026
	Elements	3. Recognize the names and symbols for some common elements (first 10 elements of the Periodic Table). 4. Recognize the physical properties of some common elements.		✓ ✓		3 days	07 April, 2026	09 April, 2026
		5. Differentiate that some elements are made of atoms and some elements exist as molecules and have different properties to a single atom of the element.		✓		1 day	10 April, 2026	10 April, 2026
	Uses of Elements	6. Explore the common elements and compounds in our daily life, i.e. • Carbon • Nitrogen • Hydrogen • Aluminum • Water • Common salt • Sugar		✓		2 days	11 April, 2026	13 April, 2026
	Classification of Elements	7. Categorize elements into metals and non-metals of first 10 elements based on their physical properties.		✓		2 days	14 April, 2026	15April, 2026
	Compounds	8. Explain that compounds are formed by different types of elements joining together chemically forming a new substance.		✓		2 days	16 April, 2026	18 April, 2026
		9. Illustrate the formation of a compound with the help of a word equation.			✓	2 days	20 April, 2026	21 April, 2026
	Difference between elements	10. Distinguish between elements and compounds.		✓		1 day	22 April, 2026	22 April, 2026

	and compounds							
Revision and Unit End Assessment						**4 days**	**23** April, 2026	**27** April, 2026

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration 19 days**	**Date**	
			K	**U**	**A**		**From**	**To**
VII. Mixtures	Mixture	1. Demonstrate that mixtures are formed when two or more substances mix with each other without the formation of a new substance.			✓P	2 days	**28** April, 2026	**29** April, 2026
	Types of mixture	2. Identify different types of mixtures.		✓		1 day	30 April 2026	30 April 2026
	Distinguish between elements, compounds, and mixtures.	3. Differentiate among elements, compounds, and mixtures.		✓		1 day	02 May 2026	02 May 2026
	Difference between pure substances and mixtures	4. Differentiate between pure substances and mixtures on the basis of their formation and composition.		✓		2 days	04May 2026	05 May 2026
	Alloys	5. Describe alloys as mixtures of metals and some other elements.		✓		1 day	06, May 2026	06, May 2026

	Applications of Mixtures	6. Identify common mixtures from daily life. 7. Explain examples of common mixtures from daily life.		✓ ✓		2 days	07 May 2026	08 May 2026
		8. Justify why air is considered as a mixture of gases.			✓	1 day	09 May 2026	09 May 2026
	Separating Mixtures	9. Demonstrate ways of separating different mixtures.			✓P	3 days	11 May 2026	13 May 2026
	Solutions	10. Demonstrate the process of solution formation (using water as universal solvent).			✓P	2 day	14 May 2026	15May 2026
Revision and Unit End Assessment						**4 days**	**16** May 2026	**20** May 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
VIII. Energy	Energy	1. Recognize energy as a physical quantity.		✓		1 day	21 May 2026	21 May 2026
	Categories of Energy	2. Relate potential energy and kinetic energy.		✓		2 days	22 May 2026	23 May 2026
	Types of Energy and their interconversion	3. Demonstrate an energy transfer such as a bouncing ball by energy transfer diagram, e.g. gravitational potential energy → kinetic → elastic potential energy + thermal + sound → kinetic → gravitational potential energy, etc.			✓P	3 days	25 May 2026	27 May 2026
	Law of Conservation of Energy	4. State the Law of Conservation of Energy. 5. Explain how the Law of Conservation of Energy applies to different situations.	✓	✓		2 days	28 May, 2026	29 May, 2026

	Energy Sources (Renewable and Non-Renewable)	6. Compare the Renewable Energy Sources (wind, water, Sun and plants) and Non-Renewable Sources of energy (coal, natural gas, crude oil). 7. Identify the advantages of using renewable energy resources.		✓ ✓		2 days	30 May, 2026	01 June, 2026
		8. Assemble and demonstrate a solar panel to operate a small fan. (STEAM) 9. Design and make a solar water heater. (STEAM)			✓P ✓P	2 days	02 June, 2026	03 June, 2026
		Revision and Unit End Assessment				**4 days**	**04** June, 2026	**08** June, 2026
			Cognitive Level			**Duration**	**Date**	
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**K**	**U**	**A**	16 days	**From**	**To**
IX. Electricity	Static Electricity and Electric current	1. Explain the phenomena of static electricity in everyday life. 2. Recognize electric current as a flow of charges.		✓ ✓		2 days	09 June, 2026	10 June, 2026
	Electric Circuit	3. Describe a simple circuit as a path for flow of charges.		✓		1 day	11 June, 2026	11 June, 2026
	Open and Closed Circuits	4. Differentiate between open and closed circuits.		✓		1 day	12 June 2026	12 June, 2026
	Electric Symbols	5. Draw and interpret simple circuit diagrams (using symbols)			✓P	1 day	13 June 2026	13 June, 2026
	Series and Parallel	6. Describe the characteristics of series and parallel circuits.		✓		1 days	15 June 2026	15 June 2026

	Circuits	7. Draw and construct a series and parallel circuits.			✓P	1 day	16 June 2026	16 June 2026
		8. Identify the use of series and parallel electric circuits in daily life.		✓			16 June 2026	17 June 2026
	Factors that affect the brightness of bulbs or speed of motors	9. Investigate the factors that affect the brightness of bulbs or speed of motors • Number of batteries • Number of Bulbs • Type of wire • Length of wire • Thickness of wire			✓P	2 days	1st September, 2026	2nd September, 2026
	Trip wire security alarm system	10. Assemble and operate a trip wire security alarm system using simple items. (STEAM)			✓P	2 days	03 September, 2026	04 September, 2026
Revision and Unit End Assessment						**4 days**	**05** September, 2026	**09** September, 2026

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**15 days**	**From**	**To**
X. Magnetism	Magnetic Field	1. Recognize that electric current has a magnetic field around it using a magnetic compass.		✓		1 day	09 September, 2026	09 September, 2026
		2. Recognize that there is a space around a magnet where effect of magnetic force can be observed.		✓		1 day	10 September, 2026	10 September, 2026
					✓P			
		3. Draw magnetic field of a bar magnet using iron filings.				1 day	11 September, 2026	11 September, 2026

	Earth's Magnetic Field	4. Recognize Earth's magnetic field which attracts a freely pivoted magnet to line up with it. 5. Recognize that a freely-moving magnet comes to rest pointing in a North-South direction.		✓ ✓		2 days	12 September, 2026	14 September, 2026
	How to Magnetize a Magnetic Material	6. Describe how to magnetize a magnetic material.		✓		1 day	15 September, 2026	15 September, 2026
	Demagnetization	7. Describe how to de-magnetize a magnet.		✓		1 day	16 September, 2026	16 September, 2026
	Types of Magnet	8. Compare different types of magnets (permanent, temporary and electromagnets).				1 day	17 September, 2026	17 September, 2026
		9. Construct an electromagnet.		✓	✓P	2 days	18 September, 2026	19 September, 2026
	Application of Electromagnet	10. Identify application of electromagnets in daily life.		✓		1 day	28 September, 2026	28 September, 2026
Revision and Unit End Assessment						**4 days**	**29 September 2026**	**02 October, 2026**
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	

			K	**U**	**A**	**12 days**	**From**	**To**
XI. Technology in Everyday Life	Earthen Pot Gardening	1. Grow seasonal plants and vegetables in earthen pots and demonstrate the effect of use of fertilizers on the growth of plants.			✓ P	2 days	03 October, 2026	05 October, 2026
	Formation of Yogurt and Cheese	2. Prepare yogurt and cheese from milk to demonstrate the beneficial microorganisms.			✓P	2 days	06 October, 2026	07 October, 2026
	Join the Circuit	3. Assemble a circuit to demonstrate the working of an electric bell.			✓P	2 days	08 October, 2026	09 October, 2026
	Solar Oven	4. Design a solar oven to convert solar energy into heat energy.			✓P	2 days	10 October, 2026	12 October, 2026
Revision and Unit End Assessment						**4 days**	**13** October, 2026	**16** October, 2026

Domain C: Earth and Space Science

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**17 days**	**From**	**To**
XII. Solar	Planets and their Characteristics	1. Differentiate between the characteristics of different planets.		✓		3 days	17 October, 2026	20 October, 2026

System	Planets and Dwarf Planets	2. Differentiate between planets and dwarf planets.		✓		2 days	21 October, 2026	22 October, 2026
	Asteroids, Meteorites and Comets	3. Describe the characteristics of asteroids, meteorites and comets.		✓		2 days	23 October, 2026	24 October, 2026
	Satellites	4. Differentiate between natural and artificial satellites.		✓		2 days	24 October, 2026	25 October, 2026
	Uses of Artificial Satellites	5. Describe the uses of various satellites in space i.e., geostationary, weather, communication and Global Positioning System (GPS).		✓		1 day	26 October, 2026	26 October, 2026
		6. Investigate how artificial satellites have improved our knowledge about space and are used for space research.			✓	1 day	27 October, 2026	27 October, 2026 -
	Halley's Comet	7. Inquire into the sighting of Halley's Comet. 8. Describe what you would feel if you see Halley's comet.		✓	✓	2 days	28 October, 2026	29 October, 2026
Revision and Unit End Assessment						**4 days**	**30** October, 2026	**03 November 2026**
Revision for Annual Examination						**10 days**	**04 November 2026**	**14 November 2026**

Determining Marks/Weightage for a Specific Theme/Unit General Science 6

S No	Theme/Unit	No of SLOs in the Unit	Total No of SLOs of Subject	Weightage in % = No of SLOs in the Unit / Total No of SLOs of the Subject × 100	Weightage in Marks = Calculated Percentage in previous column X Total Marks including option(140) ÷ 100
1	Cellular Organization	8	100	8	11
2	Reproduction in Plants	4	100	4	6
3	Balanced Diet	8	100	8	11
4	Human Digestive System	10	100	10	14
5	Matter as Particle	7	100	7	10
6	Elements and Compounds	10	100	10	14
7	Mixtures	10	100	10	14
8	Energy	9	100	9	13
9	Electricity	10	100	10	14
10	Magnetism	10	100	10	14
11	Technology in Everyday Life	6	100	6	6
12	Solar System	8	100	8	7
Total		**100**	**100**	100	**140**

Table of Specification (including options)

S No	Theme/Unit	No of SLOs in the Unit	Total Marks	MCQs	CRQs	ERQs
1	Cellular Organization	8	18	02 ×1 = 02	02 × 3 = 06	01 × 7 = 07
2	Reproduction in Plants	4	17	02 × 1 = 02	03 × 3 = 09	
3	Balanced Diet	8	15	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
4	Human Digestive System	10	10	02 × 1 = 02	02 × 3 = 06	
5	Matter as Particle	7	11	02 × 1 = 02	03 × 3 = 09	01 × 7 = 07
6	Elements and Compounds	10	13	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
7	Mixtures	10	4	02 × 1 = 02	02 × 3 = 06	
8	Energy	9	11	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
9	Electricity	10	14	02 × 1 = 02	02 × 3 = 06	
10	Magnetism	10	14	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
11	Technology in Everyday Life	6	6	01 × 1 = 01	02 × 3 = 06	-
12	Solar System	8	7	01 × 1 = 01	02 × 3 = 06	
Total		**110**	**140**	**20**	**78**	**42**

Summary of Exam Specification

Section	Number of Questions	Marks per Question	Total Marks of questions to be attempted	Total marks with options
MCQs	**20**	**1**	**20**	**20**
CRQs	**13+13 (100 % Choice)**	**3**	**39**	**78**
ERQs	**3 +3 (100 % Choice)**	**7**	**21**	**42**
Total		**-**	**80**	**140**
Practical			**20 marks**	
G. Total			**100**	

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S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
7	History	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB
8	Computer Science	Ms. Nida Shaheen IT Expert, BEEGB	Mr. Shoukat Ali AD Conduct and SE, BEEGB	Ms. Nida Shaheen IT Expert, BEEGB
9	Agriculture	Mr. Ghulam Rasool TGT, HS No.1 Skardu	Mr. Maqsood Hussain TG, BHS Keris	Mr. Tariq Hussain CPLIC, TSDC
10	Drawing	Kacho Sadaqat FP,BEEGB Office Skardu	Mr. Ali Muhammad TGT, BHS Keris	Mr. Khadim Hussain AD IT & SE, BEEGB
11	Home Economics	Ms. Siddiqa Batool EST, GHS Skardu	Ms. Amber Rehman EST, GHSS Kashrote Gilgit	Ms. Muneera Akhtar Instructor, CoE for Women Gilgit
12	Arabic	Mr. Abdul Aziz OT BHS No.1 Gilgit	Mr. Abdul Basit OT BHS Hatoon Ghizer	Mr. Qasim Iqbal OT BHS Konodass Gilgit

CENTRALIZED SYLLABUS BREAK- UP 2026
EXTREME WINTER ZONE

Subject: General Science **Class: 6**

Domain A: Life Sciences

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	18 days	From	To
I. Cellular Organization	Cellular Organization (Cell to Organism)	1. Recognize cells as the basic unit of life that are organized into tissues, organs, systems and organisms.		✓		2 days	02 April, 2026	03 April, 2026
		2. Arrange in order different levels of cellular organizations – cells to tissues, organs and organisms.		✓		1 day	04 April, 2026	-
	Types of Cells	3. Relate the structures of some common cells to their functions, i.e. • nerve cells • muscle cells • epithelial cells • blood cells		✓		1 day	06 April, 2026	-
	Structures of animal and plant cells	4. Identify the structures present in an animal cell and plant cell as seen under a simple microscope relate them to their functions, i.e. • cell membrane • cytoplasm		✓		4 days	07 April, 2026	11 April, 2026

		• nucleus • cell wall • chloroplast • mitochondria • sap vacuole.						
	Comparison of animal and plant cell	5. Describe the similarities and differences between the structures of plant and animal cells.		✓		2 days	12 April, 2026	14, April, 2026
		6. Sketch the animal and plant cells and label key organelles in each.			✓	2 days	15, April, 2026	16 April 2026
		7. Prepare temporary slides of onion peels and cheek cells. 8. Compare and contrast an animal cell and plant cell with reference to the slides prepared in SLO 7.		✓	✓ P	2 days	18, April, 2026	19, April 2026
Revision and Unit End Assessment						**4 days**	20 April 2026	23, April 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	09 days	From	To
II. Reproduction in Plants	Types of Reproduction (sexual and asexual)	1. Describe the different types of reproduction of plants.		✓		1 day	24 April, 2026	-
		2. Compare and contrast types of reproduction (sexual and asexual) in plants.		✓		1 day	25 April, 2026	-
	Natural and Artificial Vegetative Propagation in Plants	3. Distinguish between artificial and natural asexual reproduction in plants. i.e. • budding • grafting • bulbs • tuber • runners • cutting • layering		✓		3 days	27 April, 2026	30 April, 2026
	Advantages of Vegetative Propagation	4. Inquire how artificial propagation can lead to better quality yield in agriculture.			✓	1 day	**02,** May 2026	-
Revision and Unit End Assessment						**3 days**	**04,** May 2026	**06,** May 2026
opic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**14 days**	**From**	**To**
III. Balanced Diet	Nutrients and their Function	1. Define nutrients and nutrition. 2. Identify the constituents/ nutrients of a balanced diet for humans as including • Protein • Carbohydrates • fats and oils • water • minerals (limited to calcium and iron) • vitamins (limited to A, C and D) • fibre	✓	✓		2 days	07, May 2026	08, May 2026

		3. Describe the functions of nutrients identified in SLO 1.		✓		2 days	09, May 2026	09, May 2026
	Nutrients and their Composition	4. Identify the essential nutrients, their chemical composition, and food sources.		✓		2 days	11 May 2026	12, May 2026
	Nutrition Deficiency Disorders	5. Identify essential nutrients' deficiency disorders. 6. Describe essential nutrients' deficiency disorders.		✓ ✓		2 days	13, May 2026	14, May 2026
	Balanced Diet	7. Recognize that a healthy diet contains a balance of foodstuffs.		✓		1 day	15 May 2026	
	Diet and Fitness	8. Correlate diet and fitness.		✓		1 day	16 May 2026	
Revision and Unit End Assessment						**4 days**	**18,** May 2026	21, May 2026
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Extreme Winter**	
			K	**U**	**A**	**16 days**	**From**	**To**
IV. Human Digestive System	Digestion	1. Define digestion and digestive system. 2. State the importance of digestion in the human body.	✓ ✓			1 day	22 May 2026	-
		3. Describe physical and chemical digestion.		✓		2 days	23, May 2026	25, May 2026
	Human Digestive System	4. Sequence the main regions of alimentary canal and its associated organs.		✓		1 day	26 May 2026	-
		5. Describe the functions of different parts of the Alimentary Canal.		✓		4 days	30 May 2026	03, June 2026
		6. Describe the role of enzymes in digestion.		✓		1 day	04, June 2026	
		7. Explain that blood transports the products of digestion to other parts of the body. 8. Explain that the undigested products get egested/ defecated.		✓ ✓		1 day 1 day	05, June 2026 06, June 2026	- -
	Digestive Disorders	9. Describe vomiting, diarrhea and constipation as digestive disorders.		✓		2 days	08, June 2026	09, June 2026

		10. State the causes of digestive disorders.	✓					
Revision and Unit End Assessment						**3 days**	**10, June 2026**	**12, June 2026**

Domain B: Physical Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	15 days	From	To
V. Matter as Particles	Particle Theory of Matter	1. Explain the Particle Theory of Matter.		✓		1 day	13, June 2026	
		2. Investigate the movement and arrangement of particles in three states of matter using particle model of matter.			✓	2 days	15, June 2026	16, June 2026
		3. Explain why gases and liquids take the shape of their containers but solids do not, in terms of the Particle Theory of Matter.		✓		1 day	17 June 2026	-
		4. Discuss, using the particle theory of matter, why liquids and gases can flow easily but solids cannot.		✓		1 day	18 June 2026	-
		5. Interpret the evidence for the existence of the particles in matter by observing daily life examples such as • adding air to expand a basketball • compressing air in a syringe • dissolving sugar in water • evaporating salt water.			✓	2 days	19, June 2026	20, June 2026
	Diffusion	6. Apply the particle theory of matter to explain diffusion.			✓	2 days	22, June 2026	23, June 2026
	Changes in States of Matter	7. Explain the changes in states of matter using the particle model of matter, i.e. • Melting • Freezing • Evaporation • Condensation		✓		2 days	24, June 2026	27, June 2026

		• Sublimation						
Revision and Unit End Assessment						**4 days**	29, June 2026	02 July 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	17 days	From	To
VI. Elements and Compounds	Structure of Matter Molecules	1. Describe the structure of matter in terms of particles (i.e., atoms and molecules).		✓		1 day	01 July 2026	-
		2. Describe molecules as a combination of atoms (e.g., H:0, 02 & CO2).		✓		1 day	04 July 2026	-
	Elements	3. Recognize the names and symbols for some common elements (first 10 elements of the Periodic Table). 4. Recognize the physical properties of some common elements.		✓ ✓		2 days 1 day	06, July 2026 08, July 2026	07, July 2026 -
		5. Differentiate that some elements are made of atoms and some elements exist as molecules and have different properties to a single atom of the element.		✓		1 day	09, July 2026	-
	Uses of Elements	6. Explore the common elements and compounds in our daily life, i.e. • Carbon • Nitrogen • Hydrogen • Aluminum • Water • Common salt • Sugar		✓		2 days	10, July 2026	11, July 2026
	Classification of Elements	7. Categorize elements into metals and non-metals of first 10 elements based on their physical properties.		✓		2 days	13, July 2026	14, July 2026
	Compounds	8. Explain that compounds are formed by different types of elements joining together chemically forming a new substance.		✓		2 days	15, July 2026	16, July 2026

		9. Illustrate the formation of a compound with the help of a word equation.			✓	1 day	17, July 2026	-
	Difference between elements and compounds	10. Distinguish between elements and compounds.		✓		1 day	18 July 2026	
Revision and Unit End Assessment						**3 days**	**20** July 2026	**22 July 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration 19 days	Extreme Winter	
			K	U	A		From	To
VII. Mixtures	Mixture	1. Demonstrate that mixtures are formed when two or more substances mix with each other without the formation of a new substance.			✓ P	2 days	21, July 2026	22, July 2026
	Types of mixture	2. Identify different types of mixtures.		✓		1 day	23, July 2026	
	Distinguish between elements, compounds, and mixtures.	3. Differentiate among elements, compounds, and mixtures.		✓		1 day	24, July 2026	
	Difference between pure substances and mixtures	4. Differentiate between pure substances and mixtures on the basis of their formation and composition.		✓		2 days	25, July 2026	27, July 2026
	Alloys	5. Describe alloys as mixtures of metals and some other elements.		✓		1 day	28, July 2026	
	Applications of Mixtures	6. Identify common mixtures from daily life. 7. Explain examples of common mixtures from daily life.		✓ ✓		2 days	29, July 2026	30, July 2026
		8. Justify why air is considered as a mixture of gases.			✓	1 day	31, July 2026	
	Separating Mixtures	9. Demonstrate ways of separating different mixtures.			✓P	3 days	01, August 2026	05, August 2026

	Solutions	10. Demonstrate the process of solution formation (using water as universal solvent).			✓P	2 day	06, August 2026	07, August 2026
Revision and Unit End Assessment						**4 days**	**08, August 2026**	**12, August 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration		
			K	U	A	16 days	From	To
VIII. Energy	Energy	1. Recognize energy as a physical quantity.		✓		1 day	13 August 2026	
	Categories of Energy	2. Relate potential energy and kinetic energy.		✓		2 days	15, August 2026	17, August 2026
	Types of Energy and their interconversion	3. Demonstrate an energy transfer such as a bouncing ball by energy transfer diagram, e.g. gravitational potential energy → kinetic → elastic potential energy + thermal + sound → kinetic → gravitational potential energy, etc.			✓P	3 days	18, August 2026	20, August 2026
	Law of Conservation of Energy	4. State the Law of Conservation of Energy. 5. Explain how the Law of Conservation of Energy applies to different situations.	✓	✓		2 days	21, August 2026	22, August 2026
	Energy Sources (Renewable and Non-Renewable)	6. Compare the Renewable Energy Sources (wind, water, Sun and plants) and Non-Renewable Sources of energy (coal, natural gas, crude oil). 7. Identify the advantages of using renewable energy resources.		✓ ✓		2 days	24, August 2026	25, August 2026
		8. Assemble and demonstrate a solar panel to operate a small fan. (STEAM) 9. Design and make a solar water heater. (STEAM)			✓P ✓P	2 days	27, August 2026	28, August 2026

		Revision and Unit End Assessment				**4 days**	**29,** August 2026	02, September 2026
			Cognitive Level	**Duration**				
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**K**	**U**	**A**	15 days	**From**	**To**
IX. Electricity	Static Electricity and Electric current	1. Explain the phenomena of static electricity in everyday life. 2. Recognize electric current as a flow of charges.		✓ ✓		2 days	03, September 2026	04, September 2026
	Electric Circuit	3. Describe a simple circuit as a path for flow of charges.		✓		2 day	05, September 2026	07, September 2026
	Open and Closed Circuits	4. Differentiate between open and closed circuits.		✓		1 day	08, September 2026	
	Electric Symbols	5. Draw and interpret simple circuit diagrams (using symbols)			✓P	1 day	09, September 2026	
	Series and Parallel Circuits	6. Describe the characteristics of series and parallel circuits. 7. Draw and construct a series and parallel circuits. 8. Identify the use of series and parallel electric circuits in daily life.		✓ ✓	✓P	1 day	10, September 2026	
	Factors that affect the brightness of bulbs or speed of motors	9. Investigate the factors that affect the brightness of bulbs or speed of motors • Number of batteries • Number of Bulbs • Type of wire • Length of wire			✓P	2 days	11, September 2026	10, September 2026

		• Thickness of wire						
	Trip wire security alarm system	10. Assemble and operate a trip wire security alarm system using simple items. (STEAM)			✓P	2 days	11, September 2026	12, September 2026
Revision and Unit End Assessment						**4 days**	**14, September 2026**	**17, September 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**		
			K	**U**	**A**	**15 days**	**From**	**To**
X. Magnetism	Magnetic Field	1. Recognize that electric current has a magnetic field around it using a magnetic compass. 2. Recognize that there is a space around a magnet where effect of magnetic force can be observed. 3. Draw magnetic field of a bar magnet using iron filings.		✓ ✓	 ✓P	1 day 1 day 1 day	18, September 2026 19, September 2026 28, September 2026	
	Earth's Magnetic Field	4. Recognize Earth's magnetic field which attracts a freely pivoted magnet to line up with it. 5. Recognize that a freely-moving magnet comes to rest pointing in a North-South direction.		✓ ✓		2 days	29, September 2026	30, September 2026
	How to Magnetize a Magnetic Material	6. Describe how to magnetize a magnetic material.		✓		1 day	01 October, 2026	
	Demagnetization	7. Describe how to de-magnetize a magnet.		✓		1 day	02 October, 2026	

	Types of Magnet	8. Compare different types of magnets (permanent, temporary and electromagnets). 9. Construct an electromagnet.		✓	 ✓P	1 day 2 days	03 October, 2026 01 October, 2026	 02 October, 2026
	Application of Electromagnet	10. Identify application of electromagnets in daily life.		✓		1 day	03 October, 2026	
Revision and Unit End Assessment						**4 days**	**05, October 2026**	**08, October 2026**
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**		
			K	**U**	**A**	**12 days**	**From**	**To**
XI. Technology in Everyday Life	Earthen Pot Gardening	1. Grow seasonal plants and vegetables in earthen pots and demonstrate the effect of use of fertilizers on the growth of plants.			✓ P	2 days	09, October, 2026	10, October, 2026
	Formation of Yogurt and Cheese	2. Prepare yogurt and cheese from milk to demonstrate the beneficial microorganisms.			✓P	2 days	12, October, 2026	13, October, 2026
	Join the Circuit	3. Assemble a circuit to demonstrate the working of an electric bell.			✓P	2 days	14, October, 2026	15, October, 2026
	Solar Oven	4. Design a solar oven to convert solar energy into heat energy.			✓P	2 days	16, October, 2026	17, October, 2026
Revision and Unit End Assessment						**4 days**	19, October, 2026	22, October, 2026

Domain C: Earth and Space Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	15 days	From	To
XII. Solar System	Planets and their Characteristics	1. Differentiate between the characteristics of different planets.		✓		2 days	23, October, 2026	24, October, 2026
	Planets and Dwarf Planets	2. Differentiate between planets and dwarf planets.		✓		1 day	26, October, 2026	-
	Asteroids, Meteorites and Comets	3. Describe the characteristics of asteroids, meteorites and comets.		✓		2 days	27, October, 2026	28, October, 2026
	Satellites	4. Differentiate between natural and artificial satellites.		✓		2 days	29, October, 2026	30, October, 2026
	Uses of Artificial Satellites	5. Describe the uses of various satellites in space i.e., geostationary, weather, communication and Global Positioning System (GPS). 6. Investigate how artificial satellites have improved our knowledge about space and are used for space research.		✓	✓	1 day 1 day	31 October, 2026 02, November	- -
	Halley's Comet	7. Inquire into the sighting of Halley's Comet. 8. Describe what you would feel if you see Halley's comet.		✓	✓	1 days	03, November	
Revision and Unit End Assessment						**4 days**	**04, November 2026**	**07, November 2026**
Revision for Annual Examination						**6 days**	**09, November 2026**	**14, November 2026**

Determining Marks/Weightage for a Specific Theme/Unit General Science 6

S No	Theme/Unit	No of SLOs in the Unit	Total No of SLOs of Subject	Weightage in % = No of SLOs in the Unit / Total No of SLOs of the Subject × 100	Weightage in Marks = Calculated Percentage in previous column X Total Marks including option(140) ÷ 100
1	Cellular Organization	8	100	8	11
2	Reproduction in Plants	4	100	4	6
3	Balanced Diet	8	100	8	11
4	Human Digestive System	10	100	10	14
5	Matter as Particle	7	100	7	10
6	Elements and Compounds	10	100	10	14
7	Mixtures	10	100	10	14
8	Energy	9	100	9	13
9	Electricity	10	100	10	14
10	Magnetism	10	100	10	14
11	Technology in Everyday Life	6	100	6	6
12	Solar System	8	100	8	7
Total		**100**	**100**	100	**140**

Table of Specification (including options)

S No	Theme/Unit	No of SLOs in the Unit	Total Marks	MCQs	CRQs	ERQs
1	Cellular Organization	8	18	02 ×1 = 02	02 × 3 = 06	01 × 7 = 07
2	Reproduction in Plants	4	17	02 × 1 = 02	03 × 3 = 09	
3	Balanced Diet	8	15	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
4	Human Digestive System	10	10	02 × 1 = 02	02 × 3 = 06	
5	Matter as Particle	7	11	02 × 1 = 02	03 × 3 = 09	01 × 7 = 07
6	Elements and Compounds	10	13	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
7	Mixtures	10	4	02 × 1 = 02	02 × 3 = 06	
8	Energy	9	11	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
9	Electricity	10	14	02 × 1 = 02	02 × 3 = 06	
10	Magnetism	10	14	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
11	Technology in Everyday Life	6	6	01 × 1 = 01	02 × 3 = 06	-
12	Solar System	8	7	01 × 1 = 01	02 × 3 = 06	
Total		**110**	**140**	**20**	**78**	**42**

Summary of Exam Specification

Section	Number of Questions	Marks per Question	Total Marks of questions to be attempted	Total marks with options
MCQs	**20**	**1**	**20**	**20**
CRQs	**13+13 (100 % Choice)**	**3**	**39**	**78**
ERQs	**3 +3 (100 % Choice)**	**7**	**21**	**42**
Total		**-**	**80**	**140**
Practical			**20 marks**	
G. Total			**100**	

GOVERNMENT OF GILGIT-BALTISTAN
BOARD OF ELEMENTARY EXAMINATION
GILGIT–BALTISTAN
No. BEEGB (G)-2(1) Exam (Secrecy)/2025

Gilgit, the 16th March, 2026

To,

The Deputy Director Education, Gilgit, Ghizer,Hunza,Nager , Diamer,Astore, Skardu,Ghanche,Shiger & Kharmang

Subject: **REQUEST FOR DISSEMINATION AND IMPLEMENTATION OF SYLLABUS BREAK UP DOCUMENTS FROM GRADE 6 TO 8 FOR THE ACADEMIC SESSSION 2026**

As per past practice the BEEGB academic team in collaboration with CPLICs and the subject experts of SEDGB Baltistan and Gilgit Division has prepared syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Considering the suggestions of the stakeholders of SEDGB the documents for this academic session will be disseminated class-wise, subject-wise and zone -wise separately to make them easily accessible for all stakeholders instead of sending all documents in a single file which becomes very bulky and cannot be downloaded easily.

In this regard, all the respected DDEs are requested to distribute the said documents among all stakeholders and ensure proper implementation in true letter and spirit please.

(Abdul Hamid)
Controller Board of Elementary Examination Gilgit- Baltistan
Phone #: 05811-940888

Copy for Information to:

1. The Secretary SEDGB
2. The DG SEDGB
3. The Divisional Director Gilgit, Baltistan and Diamer- Astore
4. The Divisional Assistant Controllers BEEGB for Gilgit,Baltistan and Diamer-Astore

ACKNOWLEDGEMENT

The BEEGB Academic team extends its gratitude to the following subject experts of SEDGB for their cooperation in preparing the syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Facilitators: Ms. Memona Abbas Dy. Controller BEEGB & Ms. Zareen Taj DD Research and Secrecy BEEGB **Technical Support : Mr. Akbar Ali DD IT BEEGB**				
S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
1	English	Mr. Javed Iqbal CPLIC, TSDC	Mr. Mubarak Hussain CPLIC, TSDC	Ms. Afshan Nasir Instructor, CoE for Women Gilgit
2	Urdu	Ms. Sabika Khatoon SST, GHS Khomer Gilgit	Mr. Shakeel Hussain EST,BHS Minawer Gilgit	Nasir Abbas CPLIC, TSDC
3	Mathematics	Mr. Aziz Ahmad CPLIC, TSDC	Mr. Sajjad Hussain DD Finance & SE Maths, BEEGB	Mr. Dlair Shah Subject Expert (SE) Maths, BEEGB
4	Science	Mr. Asghar Ali CPLIC, TSDC	Mr. Abdul Bari DD Conduct & SE Science, BEEGB	Mr. Abdul Ghaffar AD Secrecy & SE Science, BEEGB
5	Islamiat	Mr. Nasir Hussain OT, BMS Jutal	Dr. Ikram uddin CPLIC, TSDC	Mr. Faqir Muhammad DD Admin and SE Islamiat, BEEGB
6	Geography	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB

Facilitators: Ms. Memona Abbas Dy. Controller BEEGB & Ms. Zareen Taj DD Research and Secrecy BEEGB Technical Support : Mr. Akbar Ali DD IT BEEGB				
S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
7	History	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB
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CENTRALIZED SYLLABUS BREAK- UP 2026

SUMMER ZONE

Subject: General Science **Class: 6**

Domain A : Life Sciences

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	18 days	From	To
I. Cellular Organization	Cellular Organization (Cell to Organism)	1. Recognize cells as the basic unit of life that are organized into tissues, organs, systems and organisms.		✓		1 day	06 Feb. 2026	
		2. Arrange in order different levels of cellular organizations – cells to tissues, organs and organisms.		✓		1 day	07 Feb. 2026	
	Types of Cells	3. Relate the structures of some common cells to their functions, i.e. • nerve cells • muscle cells • epithelial cells • blood cells		✓		1day	9 Feb. 2026	
	Structures of animal and plant cells	4. Identify the structures present in an animal cell and plant cell as seen under a simple microscope relate them to their functions, i.e. • cell membrane • cytoplasm • nucleus • cell wall • chloroplast • mitochondria		✓		2 days	10 Feb. 2026	11 Feb. 2026

		• sap vacuole.						
	Comparison of animal and plant cell	5. Describe the similarities and differences between the structures of plant and animal cells.		✓		2 days	12 Feb. 2026	13 Feb. 2026
		6. Sketch the animal and plant cells and label key organelles in each.			✓	2 days	14 Feb. 2026	16 Feb. 2026
		7. Prepare temporary slides of onion peels and cheek cells. 8. Compare and contrast an animal cell and plant cell with reference to the slides prepared in SLO 7.		✓	✓	2 days	17 Feb. 2026	18 Feb. 2026
Revision and Unit End Assessment						**4 days**	**19 Feb. 2026**	**23 Feb. 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**10 days**	**From**	**To**
II. Reproduction in Plants	Types of Reproduction (sexual and asexual)	1. Describe the different types of reproduction of plants.		✓		1 day	24 Feb. 2026	24 Feb. 2026
		2. Compare and contrast types of reproduction (sexual and asexual) in plants.		✓		1 day	25 Feb. 2026	25 Feb. 2026
	Natural and Artificial Vegetative Propagation in Plants	3. Distinguish between artificial and natural asexual reproduction in plants. i.e. • budding • grafting • bulbs • tuber • runners • cutting • layering		✓		3 days	26 Feb. 2026	28 Feb. 2026
	Advantages of Vegetative	4. Inquire how artificial propagation can lead to better quality yield in agriculture.			✓	1 day	02 March. 2026	02 March. 2026

	Propagation							
Revision and Unit End Assessment						**4 days**	**03 March 2026**	**06 March 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**15 days**	**From**	**To**
III. Balanced Diet	Nutrients and their Function	1. Define nutrients and nutrition. 2. Identify the constituents/ nutrients of a balanced diet for humans as including • Protein • Carbohydrates • fats and oils • water • minerals (limited to calcium and iron) • vitamins (limited to A, C and D) • fibre		✓		2 days	7 March. 2026	9 March. 2026
		3. Describe the functions of nutrients identified in SLO 1.		✓		3 days	10 March 2026	12, March 2026
	Nutrients and their Composition	4. Identify the essential nutrients, their chemical composition, and food sources.		✓		2 days	13, March 2026	14 March 2026
	Nutrition Deficiency Disorders	5. Identify essential nutrients' deficiency disorders. 6. Describe essential nutrients' deficiency disorders.		✓ ✓		2 days	16 March 2026	17 March 2026
	Balanced Diet	7. Recognize that a healthy diet contains a balance of foodstuffs.		✓		1 day	18 March 2026	18 March 2026
	Diet and Fitness	8. Correlate diet and fitness.		✓		1 day	19 March 2026	19 March 2026

Revision and Unit End Assessment	4 days	20 March 2026	26 March 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	17 days	From	To
IV. Human Digestive System	Digestion	1. Define digestion and digestive system. 2. State the importance of digestion in the human body.	✓ ✓			1 day	27 March 2026	27 March 2026
		3. Describe physical and chemical digestion.		✓		2 days	28 March 2026	30 March 2026
	Human Digestive System	4. Sequence the main regions of alimentary canal and its associated organs.		✓		1 day	31 March 2026	31 March 2026
		5. Describe the functions of different parts of the Alimentary Canal.		✓		4 days	01 April 2026	04 April 2026
		6. Describe the role of enzymes in digestion.		✓		1 day	6 April 2026	6 April 2026
		7. Explain that blood transports the products of digestion to other parts of the body.		✓		1 day	8 April 2026	8 April 2026
		8. Explain that the undigested products get egested/ defecated.		✓		1 day	9 April 2026	9 April 2026
	Digestive Disorders	9. Describe vomiting, diarrhea and constipation as digestive disorders. 10. State the causes of digestive disorders.	 ✓	✓		2 days	10 April 2026	11 April 2026
Revision and Unit End Assessment						**4 days**	**13 April 2026**	**16 April 2026**

Domain B: Physical Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
V. Matter as Particles	Particle Theory of Matter	1. Explain the Particle Theory of Matter.		✓		1 day	17 April 2026	17 April 2026
		2. Investigate the movement and arrangement of particles in three states of matter using particle model of matter.			✓	2 days	18 April 2026	20 April 2026
		3. Explain why gases and liquids take the shape of their containers but solids do not, in terms of the Particle Theory of Matter.		✓		1 day	21 April 2026	21 April 2026
		4. Discuss, using the particle theory of matter, why liquids and gases can flow easily but solids cannot.		✓		1 day	22 April 2026	22 April 2026
		5. Interpret the evidence for the existence of the particles in matter by observing daily life examples such as • adding air to expand a basketball • compressing air in a syringe • dissolving sugar in water • evaporating salt water.			✓	2 days	23 April 2026	24 April 2026
	Diffusion	6. Apply the particle theory of matter to explain diffusion.			✓	2 days	25 April 2026	27 April 2026
	Changes in States of Matter	7. Explain the changes in states of matter using the particle model of matter, i.e. • Melting • Freezing • Evaporation • Condensation • Sublimation		✓		3 days	28 April 2026	30 April 2026
Revision and Unit End Assessment						**4 days**	**2 May 2026**	**6 May 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	19 days	From	To

VI. Elements and Compounds	Structure of Matter Molecules	1. Describe the structure of matter in terms of particles (i.e., atoms and molecules).		✓		1 day	7 May 2026	7 May 2026
		2. Describe molecules as a combination of atoms (e.g., H:0, 02 & CO2).		✓		1 day	8 May 2026	8 May 2026
	Elements	3. Recognize the names and symbols for some common elements (first 10 elements of the Periodic Table). 4. Recognize the physical properties of some common elements.		✓ ✓		3 days	09 May 2026	12 May 2026
		5. Differentiate that some elements are made of atoms and some elements exist as molecules and have different properties to a single atom of the element.		✓		1 day	13 May, 2026	13 May, 2026
	Uses of Elements	6. Explore the common elements and compounds in our daily life, i.e. • Carbon • Nitrogen • Hydrogen • Aluminum • Water • Common salt • Sugar		✓		2 days	14 May, 2026	15 May, 2026
	Classification of Elements	7. Categorize elements into metals and non-metals of first 10 elements based on their physical properties.		✓		2 days	16 May 2026	18 May 2026
	Compounds	8. Explain that compounds are formed by different types of elements joining together chemically forming a new substance.		✓		2 days	19 May 2026	20 May 2026
		9. Illustrate the formation of a compound with the help of a word equation.				2 days	21 May 2026	22 May 2026
	Difference between elements and compounds	10. Distinguish between elements and compounds.		✓		1 day	23 May 2026	23 May, 2026
Revision and Unit End Assessment						**4 days**	**25 May 2026**	**1 June 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration 19 days	Date	
			K	U	A		From	To
VII. Mixtures	Mixture	1. Demonstrate that mixtures are formed when two or more substances mix with each other without the formation of a new substance.			✓ P	2 days	02 June 2026	03 June 2026
	Types of mixture	2. Identify different types of mixtures.		✓		1 day	04 June 2026	04 June 2026
	Distinguish between elements, compounds, and mixtures.	3. Differentiate among elements, compounds, and mixtures.		✓		1 day	02 June 2026	02 June 2026
	Difference between pure substances and mixtures	4. Differentiate between pure substances and mixtures on the basis of their formation and composition.		✓		2 days	03 June 2026	04 June 2026
	Alloys	5. Describe alloys as mixtures of metals and some other elements.		✓		1 day	05 June 2026	05 June 2026
	Applications of Mixtures	6. Identify common mixtures from daily life. 7. Explain examples of common mixtures from daily life.		✓ ✓		2 days	06 June 2026	08 June 2026
		8. Justify why air is considered as a mixture of gases.			✓	1 day	09 June 2026	09 June 2026

	Separating Mixtures	9. Demonstrate ways of separating different mixtures.			✓ P	3 days	10 June 2026	12 June 2026
	Solutions	10. Demonstrate the process of solution formation (using water as universal solvent).			✓ P	2 day	13 June 2026	15 June 2026
Revision and Unit End Assessment						**4 days**	**16 June 2026**	**19 June 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**17 days**	**From**	**To**
VIII. Energy	Energy	1. Recognize energy as a physical quantity.		✓		1 day	20 June 2026	20 June 2026
	Categories of Energy	2. Relate potential energy and kinetic energy.		✓		2 days	22 June 2026	23 June 2026
	Types of Energy and their interconversion	3. Demonstrate an energy transfer such as a bouncing ball by energy transfer diagram, e.g. gravitational potential energy → kinetic → elastic potential energy + thermal + sound → kinetic → gravitational potential energy, etc.			✓ P	3 days	24 June 2026	27 June 2026
	Law of Conservation of Energy	4. State the Law of Conservation of Energy. 5. Explain how the Law of Conservation of Energy applies to different situations.	✓	✓		2 days	29 June 2026	30 June 2026
	Energy Sources (Renewable and Non-Renewable)	6. Compare the Renewable Energy Sources (wind, water, Sun and plants) and Non-Renewable Sources of energy (coal, natural gas, crude oil).		✓		1 day	13August 2026	13August 2026
		7. Identify the advantages of using renewable energy resources.		✓		1 day	15 August 2026	15 August 2026 -
		8. Assemble and demonstrate a solar panel to operate a small fan. (STEAM)			✓ P	1 day	17 August 2026	17 August 2026

		9. Design and make a solar water heater. (STEAM)			✓ P	2 days	18 August 2026	19 August 2026
		Revision and Unit End Assessment				**4 days**	**20 August 2026**	**24 August 2026**
			Cognitive Level			**Duration**	**Date**	
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**K**	**U**	**A**	14 days	**From**	**To**
IX. Electricity	Static Electricity and Electric current	1. Explain the phenomena of static electricity in everyday life. 2. Recognize electric current as a flow of charges.		✓ ✓		2 days	25 August, 2026	27 August, 2026
	Electric Circuit	3. Describe a simple circuit as a path for flow of charges.		✓		1 day	27 August, 2026	27 August, 2026
	Open and Closed Circuits	4. Differentiate between open and closed circuits.		✓		1 day	28 August, 2026	28 August, 2026
	Electric Symbols	5. Draw and interpret simple circuit diagrams (using symbols)			✓ P	1 day	29 August, 2026	29 August, 2026
	Series and Parallel Circuits	6. Describe the characteristics of series and parallel circuits. 7. Draw and construct a series and parallel circuits. 8. Identify the use of series and parallel electric circuits in daily life.		✓ ✓	 ✓ P	1 day	31 August 2026	31 August 2026
	Factors that affect the brightness of bulbs or speed of	9. Investigate the factors that affect the brightness of bulbs or speed of motors • Number of batteries • Number of Bulbs • Type of wire • Length of wire			✓ P	2 days	01, September, 2026	02 September, 2026

	motors	• Thickness of wire						
	Trip wire security alarm system	10. Assemble and operate a trip wire security alarm system using simple items. (STEAM)			✓ P	2 days	03 September, 2026	04 September, 2026
Revision and Unit End Assessment						**4 days**	**05 September 2026**	**09 September 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**15 days**	**From**	**To**
X. Magnetism	Magnetic Field	1. Recognize that electric current has a magnetic field around it using a magnetic compass. 2. Recognize that there is a space around a magnet where effect of magnetic force can be observed. 3. Draw magnetic field of a bar magnet using iron filings.		✓ ✓	 ✓ P	1 day 1 day 1 day	10, September 2026 12, September, 2026 14 September, 2026	10, September 2026 12, September 2026 14, September 2026 -

	Earth's Magnetic Field	4. Recognize Earth's magnetic field which attracts a freely pivoted magnet to line up with it. 5. Recognize that a freely-moving magnet comes to rest pointing in a North-South direction.		✓ ✓		2 days	15 September 2026	16 September 2026
	How to Magnetize a Magnetic Material	6. Describe how to magnetize a magnetic material.		✓		1 day	17 September, 2026	17 September, 2026
	Demagnetization	7. Describe how to de-magnetize a magnet.		✓		1 day	18 September, 2026	18 September, 2026
	Types of Magnet	8. Compare different types of magnets (permanent, temporary and electromagnets). 9. Construct an electromagnet.		✓	✓ P	1 day 2 days	19 September, 2026 20 September, 2026	19 September, 2026 22 September, 2026
	Application of Electromagnet	10. Identify application of electromagnets in daily life.		✓		1 day	23 September, 2026	23 September, 2026
Revision and Unit End Assessment						**4 days**	**24 September, 2026**	**28 September, 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**12 days**	**From**	**To**

XI. Technology in Everyday Life	Earthen Pot Gardening	1. Grow seasonal plants and vegetables in earthen pots and demonstrate the effect of use of fertilizers on the growth of plants.			✓ P	2 days	29 September, 2026	30 September, 2026
	Formation of Yogurt and Cheese	2. Prepare yogurt and cheese from milk to demonstrate the beneficial microorganisms.			✓P	2 days	01, October, 2026	02, October, 2026
	Join the Circuit	3. Assemble a circuit to demonstrate the working of an electric bell.			✓P	2 days	03 October, 2026	05 October, 2026
	Solar Oven	4. Design a solar oven to convert solar energy into heat energy.			✓P	2 days	06 October, 2026	07 October, 2026
Revision and Unit End Assessment						**4 days**	**8 October, 2026**	12, October, 2026

Domain C: Earth and Space Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
XII. Solar System	Planets and their Characteristics	1. Differentiate between the characteristics of different planets.		✓		2 days	13 October, 2026	14 October, 2026
	Planets and Dwarf Planets	2. Differentiate between planets and dwarf planets.		✓		1 day	15 Oct 2026	15 Oct 2026

	Asteroids, Meteorites and Comets	3. Describe the characteristics of asteroids, meteorites and comets.		✓		2 days	16 October, 2026	17 October, 2026
	Satellites	4. Differentiate between natural and artificial satellites.		✓		2 days	19 October, 2026	20 October, 2026
	Uses of Artificial Satellites	5. Describe the uses of various satellites in space i.e., geostationary, weather, communication and Global Positioning System (GPS). 6. Investigate how artificial satellites have improved our knowledge about space and are used for space research.		✓	✓	1 day 2 days	21 October, 2026 22 October, 2026	21 Oct 2026 23 October, 2026
	Halley's Comet	7. Inquire into the sighting of Halley's Comet. 8. Describe what you would feel if you see Halley's comet.		✓	✓	2 days	24 October, 2026	26 October, 2026
Revision and Unit End Assessment						**4 days**	**27 October, 2026**	**30 October, 2026**
Revision for Annual Examination						**14 days**	**31 November 2026**	**15 November 2026**

Determining Marks/Weightage for a Specific Theme/Unit General Science 6

S No	Theme/Unit	No of SLOs in the Unit	Total No of SLOs of Subject	Weightage in % = No of SLOs in the Unit / Total No of SLOs of the Subject × 100	Weightage in Marks = Calculated Percentage in previous column X Total Marks including option(140) ÷ 100
1	Cellular Organization	8	100	8	11
2	Reproduction in Plants	4	100	4	6
3	Balanced Diet	8	100	8	11
4	Human Digestive System	10	100	10	14
5	Matter as Particle	7	100	7	10
6	Elements and Compounds	10	100	10	14
7	Mixtures	10	100	10	14
8	Energy	9	100	9	13
9	Electricity	10	100	10	14
10	Magnetism	10	100	10	14
11	Technology in Everyday Life	6	100	6	6
12	Solar System	8	100	8	7
Total		**100**	**100**	100	**140**

Table of Specification (including options)

S No	Theme/Unit	No of SLOs in the Unit	Total Marks	MCQs	CRQs	ERQs
1	Cellular Organization	8	18	02 ×1 = 02	02 × 3 = 06	01 × 7 = 07
2	Reproduction in Plants	4	17	02 × 1 = 02	03 × 3 = 09	
3	Balanced Diet	8	15	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
4	Human Digestive System	10	10	02 × 1 = 02	02 × 3 = 06	
5	Matter as Particle	7	11	02 × 1 = 02	03 × 3 = 09	01 × 7 = 07
6	Elements and Compounds	10	13	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
7	Mixtures	10	4	02 × 1 = 02	02 × 3 = 06	
8	Energy	9	11	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
9	Electricity	10	14	02 × 1 = 02	02 × 3 = 06	
10	Magnetism	10	14	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
11	Technology in Everyday Life	6	6	01 × 1 = 01	02 × 3 = 06	-
12	Solar System	8	7	01 × 1 = 01	02 × 3 = 06	
Total		**110**	**140**	**20**	**78**	**42**

Summary of Exam Specification

Section	Number of Questions	Marks per Question	Total Marks of questions to be attempted	Total marks with options
MCQs	**20**	**1**	**20**	**20**
CRQs	**13+13 (100 % Choice)**	**3**	**39**	**78**
ERQs	**3 +3 (100 % Choice)**	**7**	**21**	**42**
Total		**-**	**80**	**140**
Practical			**20 marks**	
G. Total			**100**	

GOVERNMENT OF GILGIT-BALTISTAN
BOARD OF ELEMENTARY EXAMINATION
GILGIT–BALTISTAN
No. BEEGB (G)-2(1) Exam (Secrecy)/2025

Gilgit, the 16th March, 2026

To,

The Deputy Director Education, Gilgit, Ghizer,Hunza,Nager , Diamer,Astore, Skardu,Ghanche,Shiger & Kharmang

Subject: **REQUEST FOR DISSEMINATION AND IMPLEMENTATION OF SYLLABUS BREAK UP DOCUMENTS FROM GRADE 6 TO 8 FOR THE ACADEMIC SESSSION 2026**

As per past practice the BEEGB academic team in collaboration with CPLICs and the subject experts of SEDGB Baltistan and Gilgit Division has prepared syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Considering the suggestions of the stakeholders of SEDGB the documents for this academic session will be disseminated class-wise, subject-wise and zone -wise separately to make them easily accessible for all stakeholders instead of sending all documents in a single file which becomes very bulky and cannot be downloaded easily.

In this regard, all the respected DDEs are requested to distribute the said documents among all stakeholders and ensure proper implementation in true letter and spirit please.

(Abdul Hamid)
Controller Board of Elementary Examination Gilgit- Baltistan
Phone #: 05811-940888

Copy for Information to:

1. The Secretary SEDGB
2. The DG SEDGB
3. The Divisional Director Gilgit, Baltistan and Diamer- Astore
4. The Divisional Assistant Controllers BEEGB for Gilgit,Baltistan and Diamer-Astore

ACKNOWLEDGEMENT

The BEEGB Academic team extends its gratitude to the following subject experts of SEDGB for their cooperation in preparing the syllabus break up documents from Grade 6 to 8 for the academic session 2026.

Facilitators: Ms. Memona Abbas Dy. Controller BEEGB & Ms. Zareen Taj DD Research and Secrecy BEEGB **Technical Support : Mr. Akbar Ali DD IT BEEGB**				
S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
1	English	Mr. Javed Iqbal CPLIC, TSDC	Mr. Mubarak Hussain CPLIC, TSDC	Ms. Afshan Nasir Instructor, CoE for Women Gilgit
2	Urdu	Ms. Sabika Khatoon SST, GHS Khomer Gilgit	Mr. Shakeel Hussain EST,BHS Minawer Gilgit	Nasir Abbas CPLIC, TSDC
3	Mathematics	Mr. Aziz Ahmad CPLIC, TSDC	Mr. Sajjad Hussain DD Finance & SE Maths, BEEGB	Mr. Dlair Shah Subject Expert (SE) Maths, BEEGB
4	Science	Mr. Asghar Ali CPLIC, TSDC	Mr. Abdul Bari DD Conduct & SE Science, BEEGB	Mr. Abdul Ghaffar AD Secrecy & SE Science, BEEGB
5	Islamiat	Mr. Nasir Hussain OT, BMS Jutal	Dr. Ikram uddin CPLIC, TSDC	Mr. Faqir Muhammad DD Admin and SE Islamiat, BEEGB

Facilitators: Ms. Memona Abbas Dy. Controller BEEGB & Ms. Zareen Taj DD Research and Secrecy BEEGB Technical Support : Mr. Akbar Ali DD IT BEEGB				
S.No	**Subject**	**Grade 6**	**Grade 7**	**Grade 8**
6	Geography	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB
7	History	Ms. Shamama Kosar Edu. Fellow, GHS Skardu	Mr. Imtiaz Ahmad CPLIC, TSDC	Hafiz Sardar SE and IT Assistant, BEEGB
8	Computer Science	Ms. Nida Shaheen IT Expert, BEEGB	Mr. Shoukat Ali AD Conduct and SE, BEEGB	Ms. Nida Shaheen IT Expert, BEEGB
9	Agriculture	Mr. Ghulam Rasool TGT, HS No.1 Skardu	Mr. Maqsood Hussain TG, BHS Keris	Mr. Tariq Hussain CPLIC, TSDC
10	Drawing	Kacho Sadaqat FP,BEEGB Office Skardu	Mr. Ali Muhammad TGT, BHS Keris	Mr. Khadim Hussain AD IT & SE, BEEGB
11	Home Economics	Ms. Siddiqa Batool EST, GHS Skardu	Ms. Amber Rehman EST, GHSS Kashrote Gilgit	Ms. Muneera Akhtar Instructor, CoE for Women Gilgit
12	Arabic	Mr. Abdul Aziz OT BHS No.1 Gilgit	Mr. Abdul Basit OT BHS Hatoon Ghizer	Mr. Qasim Iqbal OT BHS Konodass Gilgit

CENTRALIZED SYLLABUS BREAK- UP 2026

WINTER ZONE

Subject: General Science **Class: 6**

Domain A: Life Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	17 days	From	To
I. Cellular Organization	Cellular Organization (Cell to Organism)	1. Recognize cells as the basic unit of life that are organized into tissues, organs, systems and organisms.		✓		1 day	02 March, 2026	-
		2. Arrange in order different levels of cellular organizations – cells to tissues, organs and organisms.		✓		1 day	03 March, 2026	-
	Types of Cells	3. Relate the structures of some common cells to their functions, i.e. • nerve cells • muscle cells • epithelial cells • blood cells		✓		1 day	04 March, 2026	-
	Structures of animal and plant cells	4. Identify the structures present in an animal cell and plant cell as seen under a simple microscope relate them to their functions, i.e. • cell membrane • cytoplasm • nucleus		✓		4 days	05 March, 2026	09 March, 2026

		• cell wall • chloroplast • mitochondria • sap vacuole.						
	Comparison of animal and plant cell	5. Describe the similarities and differences between the structures of plant and animal cells.		✓		2 days	10 March, 2026	11 March, 2026
		6. Sketch the animal and plant cells and label key organelles in each.			✓	2 days	12 March, 2026	13 March, 2026
		7. Prepare temporary slides of onion peels and cheek cells. 8. Compare and contrast an animal cell and plant cell with reference to the slides prepared in SLO 7.		✓	✓	2 days	14 March, 2026	16 March, 2026
Revision and Unit End Assessment						**4 days**	17 March 2026	20 March 2026

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	09 days	From	To
II. Reproduction in Plants	Types of Reproduction (sexual and asexual)	1. Describe the different types of reproduction of plants.		✓		1 day	24 March, 2026	-
		2. Compare and contrast types of reproduction (sexual and asexual) in plants.		✓		1 day	25 March, 2026	-
	Natural and Artificial Vegetative Propagation in Plants	3. Distinguish between artificial and natural asexual reproduction in plants. i.e. budding grafting bulbs tuber runners cutting layering		✓		3 days	26, March, 2026	28 March, 2026

	Advantages of Vegetative Propagation	4. Inquire how artificial propagation can lead to better quality yield in agriculture.			✓	1 day	30 March, 2026	-
Revision and Unit End Assessment						**3 days**	**31, March, 2026**	**02 April 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**15 days**	**From**	**To**
III. Balanced Diet	Nutrients and their Function	1. Define nutrients and nutrition. 2. Identify the constituents/ nutrients of a balanced diet for humans as including • Protein • Carbohydrates • fats and oils • water • minerals (limited to calcium and iron) • vitamins (limited to A, C and D) • fibre	✓	✓		2 days	3 April 2026	4 April 2026
		3. Describe the functions of nutrients identified in SLO 1.		✓		3 days	06 April 2026	08 April 2026
	Nutrients and their Composition	4. Identify the essential nutrients, their chemical composition, and food sources.		✓		2 days	09 April 2026	10 April 2026
	Nutrition Deficiency Disorders	5. Identify essential nutrients' deficiency disorders. 6. Describe essential nutrients' deficiency disorders.		✓		2 days	11 April 2026	13 April 2026
	Balanced Diet	7. Recognize that a healthy diet contains a balance of foodstuffs.		✓		1 day	14, April 2026	-

	Diet and Fitness	8. Correlate diet and fitness.		✓		1 day	15, April 2026	-
Revision and Unit End Assessment						**4 days**	**16** April 2026	**20** April 2026

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	
			K	**U**	**A**	**17 days**	**From**	**To**
IV. Human Digestive System	Digestion	1. Define digestion and digestive system. 2. State the importance of digestion in the human body.	✓ ✓			1 day	21 April 2026	-
		3. Describe physical and chemical digestion.		✓		2 days	22 April 2026	23 April 2026
	Human Digestive System	4. Sequence the main regions of alimentary canal and its associated organs.		✓		1 day	24 April 2026	-
		5. Describe the functions of different parts of the Alimentary Canal.		✓		4 days	25, April 2026	29 April 2026
		6. Describe the role of enzymes in digestion.		✓		1 day	30 April 2026	-
		7. Explain that blood transports the products of digestion to other parts of the body.		✓		1 day	02 May 2026	-
		8. Explain that the undigested products get egested/ defecated.		✓		1 day	4 May 2026	-
	Digestive Disorders	9. Describe vomiting, diarrhea and constipation as digestive disorders.		✓		2 days	5, May 2026	6 May 2026

		10. State the causes of digestive disorders.	✓					
Revision and Unit End Assessment						**4 days**	**7 May 2026**	**11 May 2026**

Domain B: Physical Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	15 days	From	To
V. Matter as Particles	Particle Theory of Matter	1. Explain the Particle Theory of Matter.		✓		1 day	12 May 2026	-
		2. Investigate the movement and arrangement of particles in three states of matter using particle model of matter.			✓	2 days	13 May 2026	14 May 2026
		3. Explain why gases and liquids take the shape of their containers but solids do not, in terms of the Particle Theory of Matter.		✓		1 day	15 May 2026	-
		4. Discuss, using the particle theory of matter, why liquids and gases can flow easily but solids cannot.		✓		1 day	16 May 2026	-
		5. Interpret the evidence for the existence of the particles in matter by observing daily life examples such as • adding air to expand a basketball • compressing air in a syringe • dissolving sugar in water • evaporating salt water.			✓	2 days	18, May 2026	19 May 2026
	Diffusion	6. Apply the particle theory of matter to explain diffusion.			✓	2 days	20 May 2026	21 May 2026
	Changes in States of Matter	7. Explain the changes in states of matter using the particle model of matter, i.e. • Melting • Freezing • Evaporation		✓		2 days	22, May 2026	23 May 2026

		• Condensation • Sublimation						
Revision and Unit End Assessment						**4 days**	**25 May 2026**	**1 June 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	20 days	From	To
VI. Elements and Compounds	Structure of Matter Molecules	1. Describe the structure of matter in terms of particles (i.e., atoms and molecules).		✓		2 days	02 June 2026	03 June 2026
		2. Describe molecules as a combination of atoms (e.g., H:0, 02 & CO2).		✓		1 day	04 June 2026	-
	Elements	3. Recognize the names and symbols for some common elements (first 10 elements of the Periodic Table). 4. Recognize the physical properties of some common elements.		✓ ✓		3 days	05 June 2026	8 June 2026
		5. Differentiate that some elements are made of atoms and some elements exist as molecules and have different properties to a single atom of the element.		✓		1 day	09 June 2026	-
	Uses of Elements	6. Explore the common elements and compounds in our daily life, i.e. • Carbon • Nitrogen • Hydrogen • Aluminum • Water • Common salt • Sugar		✓		2 days	10 June 2026	11 June 2026
	Classification of	7. Categorize elements into metals and non-metals of first 10 elements based on their physical properties.		✓		2 days	12 June 2026	13 June 2026

	Elements							
	Compounds	8. Explain that compounds are formed by different types of elements joining together chemically forming a new substance.		✓		2 days	15, June 2026	16 June 2026
		9. Illustrate the formation of a compound with the help of a word equation.			✓	2 days	17, June 2026	18 June 2026
	Difference between elements and compounds	10. Distinguish between elements and compounds.		✓		1 day	19 June 2026	-
Revision and Unit End Assessment						**4 days**	**20, June 2026**	**24 June 2026**

Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration 17 days**	**Date**	
			K	**U**	**A**		**From**	**To**
VII. Mixtures	Mixture	1. Demonstrate that mixtures are formed when two or more substances mix with each other without the formation of a new substance.			✓ P	2 days	**27** June 2026	**29** June 2026
	Types of mixture	2. Identify different types of mixtures.		✓		1 day	30 June 2026	-
	Distinguish between elements, compounds, and mixtures.	3. Differentiate among elements, compounds, and mixtures.		✓		1 day	01 July 2026	-
	Difference between pure substances	4. Differentiate between pure substances and mixtures on the basis of their formation and composition.		✓		2 days	02 July 2026	03 July 2026

	and mixtures							
	Alloys	5. Describe alloys as mixtures of metals and some other elements.		✓		1 day	04 July 2026	-
	Applications of Mixtures	6. Identify common mixtures from daily life. 7. Explain examples of common mixtures from daily life.		✓ ✓		1 day	06, July 2026	-
		8. Justify why air is considered as a mixture of gases.			✓	1 day	07 July 2026	-
	Separating Mixtures	9. Demonstrate ways of separating different mixtures.			✓	2 days	07, July 2026	08 July 2026
	Solutions	10. Demonstrate the process of solution formation (using water as universal solvent).			✓P	2 day	09 July 2026	10 July 2026
Revision and Unit End Assessment						**4 days**	**11, July 2026**	**15 July 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
VIII. Energy	Energy	1. Recognize energy as a physical quantity.		✓		1 day	16 July 2026	-
	Categories of Energy	2. Relate potential energy and kinetic energy.		✓		2 days	17 July 2026	18 July 2026
	Types of Energy and their interconversion	3. Demonstrate an energy transfer such as a bouncing ball by energy transfer diagram, e.g. gravitational potential energy → kinetic → elastic potential energy + thermal + sound → kinetic → gravitational potential energy, etc.			✓	3 days	20, July 2026	11 August 2026
	Law of Conservation of Energy	4. State the Law of Conservation of Energy. 5. Explain how the Law of Conservation of Energy applies to different situations.	✓	✓		2 days	12, August 2026	13 August 2026

	Energy Sources (Renewable and Non-Renewable)	6. Compare the Renewable Energy Sources (wind, water, Sun and plants) and Non-Renewable Sources of energy (coal, natural gas, crude oil). 7. Identify the advantages of using renewable energy resources.		✓ ✓		2 days	15, August 2026	17 August 2026
		8. Assemble and demonstrate a solar panel to operate a small fan. (STEAM) 9. Design and make a solar water heater. (STEAM)			✓P ✓P	2 days	18, August 2026	19 August 2026
		Revision and Unit End Assessment				**4 days**	**20 to August 2026**	**24August 2026**
			Cognitive Level			**Duration**	**Date**	
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**K**	**U**	**A**	14 days	**From**	**To**
IX. Electricity	Static Electricity and Electric current	1. Explain the phenomena of static electricity in everyday life. 2. Recognize electric current as a flow of charges.		✓ ✓		2 days	25 August 2026	27 August 2026
	Electric Circuit	3. Describe a simple circuit as a path for flow of charges.		✓		1 day	28 August, 2026	-
	Open and Closed Circuits	4. Differentiate between open and closed circuits.		✓		1 day	29 August, 2026	-
	Electric Symbols	5. Draw and interpret simple circuit diagrams (using symbols)			✓P	1 day	31 August, 2026	-

	Series and Parallel Circuits	6. Describe the characteristics of series and parallel circuits. 7. Draw and construct a series and parallel circuits. 8. Identify the use of series and parallel electric circuits in daily life.		✓ ✓	 ✓P 	1 day	01, September, 2026	-
	Factors that affect the brightness of bulbs or speed of motors	9. Investigate the factors that affect the brightness of bulbs or speed of motors • Number of batteries • Number of Bulbs • Type of wire • Length of wire • Thickness of wire			✓P	2 days	02, September, 2026	03 September, 2026
	Trip wire security alarm system	10. Assemble and operate a trip wire security alarm system using simple items. (STEAM)			✓P	2 days	04, September, 2026	05 September, 2026
Revision and Unit End Assessment			**4 days**				**7, September 2026**	**10 September 2026**

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level				Duration	Date
			K	U	A	15 days	From	To
X. Magnetism	Magnetic Field	1. Recognize that electric current has a magnetic field around it using a magnetic compass. 2. Recognize that there is a space around a magnet where effect of magnetic force can be observed. 3. Draw magnetic field of a bar magnet using iron filings.		✓ ✓	 ✓P	1 day 1 day	11, September 2026 12, September, 2026 14 September,	- - -

						1 day	2026	
	Earth's Magnetic Field	4. Recognize Earth's magnetic field which attracts a freely pivoted magnet to line up with it. 5. Recognize that a freely-moving magnet comes to rest pointing in a North-South direction.		✓ ✓		2 days	15 September 2026	16 September 2026
	How to Magnetize a Magnetic Material	6. Describe how to magnetize a magnetic material.		✓		1 day	17 September, 2026	-
	Demagnetization	7. Describe how to de-magnetize a magnet.		✓		1 day	18 September, 2026	-
	Types of Magnet	8. Compare different types of magnets (permanent, temporary and electromagnets). 9. Construct an electromagnet.		✓	✓P	1 day 2 days	19 September, 2026 28 September, 2026	- 29 September, 2026
	Application of Electromagnet	10. Identify application of electromagnets in daily life.		✓		1 day	30 September, 2026	-
Revision and Unit End Assessment						**4 days**	01, October, 2026	05, October, 2026
Topic/ Theme	**Sub-Topic**	**Student Learning Outcomes**	**Cognitive Level**			**Duration**	**Date**	

			K	U	A	12 days	From	To
XI. Technology in Everyday Life	Earthen Pot Gardening	1. Grow seasonal plants and vegetables in earthen pots and demonstrate the effect of use of fertilizers on the growth of plants.			✓ P	2 days	06, October, 2026	07, October, 2026
	Formation of Yogurt and Cheese	2. Prepare yogurt and cheese from milk to demonstrate the beneficial microorganisms.			✓P	2 days	08, October, 2026	09 October, 2026
	Join the Circuit	3. Assemble a circuit to demonstrate the working of an electric bell.			✓P	2 days	10, October, 2026	12 October, 2026
	Solar Oven	4. Design a solar oven to convert solar energy into heat energy.			✓P	2 days	13 October, 2026	14 October, 2026
Revision and Unit End Assessment						**4 days**	15 October, 2026	19 October, 2026

Domain C: Earth and Space Science

Topic/ Theme	Sub-Topic	Student Learning Outcomes	Cognitive Level			Duration	Date	
			K	U	A	16 days	From	To
XII. Solar System	Planets and their Characteristics	1. Differentiate between the characteristics of different planets.		✓		2 days	20 October, 2026	21 October, 2026
	Planets and Dwarf Planets	2. Differentiate between planets and dwarf planets.		✓		2 day	22 Oct 2026	23 October, 2026

	Asteroids, Meteorites and Comets	3. Describe the characteristics of asteroids, meteorites and comets.		✓		2 days	24 October, 2026	26 October, 2026
	Satellites	4. Differentiate between natural and artificial satellites.		✓		2 days	27 October, 2026	28 October, 2026
	Uses of Artificial Satellites	5. Describe the uses of various satellites in space i.e., geostationary, weather, communication and Global Positioning System (GPS).		✓		2 days	29 October, 2026	30 October, 2026
		6. Investigate how artificial satellites have improved our knowledge about space and are used for space research.			✓	1 day	31, October, 2026	-
	Halley's Comet	7. Inquire into the sighting of Halley's Comet. 8. Describe what you would feel if you see Halley's comet.		✓	✓	2 days	02 November 2026	02 November 2026
Revision and Unit End Assessment						**4 days**	**03 November 2026**	**06 November 2026**
Revision for Annual Examination						**07 days**	**07 November 2026**	**14 November 2026**

Determining Marks/Weightage for a Specific Theme/Unit General Science 6

S No	Theme/Unit	No of SLOs in the Unit	Total No of SLOs of Subject	Weightage in % = No of SLOs in the Unit / Total No of SLOs of the Subject × 100	Weightage in Marks = Calculated Percentage in previous column X Total Marks including option(140) ÷ 100
1	Cellular Organization	8	100	8	11
2	Reproduction in Plants	4	100	4	6
3	Balanced Diet	8	100	8	11
4	Human Digestive System	10	100	10	14
5	Matter as Particle	7	100	7	10
6	Elements and Compounds	10	100	10	14
7	Mixtures	10	100	10	14
8	Energy	9	100	9	13
9	Electricity	10	100	10	14
10	Magnetism	10	100	10	14
11	Technology in Everyday Life	6	100	6	6
12	Solar System	8	100	8	7
Total		**100**	**100**	100	**140**

Table of Specification (including options)

S No	Theme/Unit	No of SLOs in the Unit	Total Marks	MCQs	CRQs	ERQs
1	Cellular Organization	8	18	02 ×1 = 02	02 × 3 = 06	01 × 7 = 07
2	Reproduction in Plants	4	17	02 × 1 = 02	03 × 3 = 09	
3	Balanced Diet	8	15	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
4	Human Digestive System	10	10	02 × 1 = 02	02 × 3 = 06	
5	Matter as Particle	7	11	02 × 1 = 02	03 × 3 = 09	01 × 7 = 07
6	Elements and Compounds	10	13	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
7	Mixtures	10	4	02 × 1 = 02	02 × 3 = 06	
8	Energy	9	11	02 × 1 = 02	02 × 3 = 06	01 × 7 = 07
9	Electricity	10	14	02 × 1 = 02	02 × 3 = 06	
10	Magnetism	10	14	01 × 1 = 01	02 × 3 = 06	01 × 7 = 07
11	Technology in Everyday Life	6	6	01 × 1 = 01	02 × 3 = 06	-
12	Solar System	8	7	01 × 1 = 01	02 × 3 = 06	
Total		**110**	**140**	**20**	**78**	**42**

Summary of Exam Specification

Section	Number of Questions	Marks per Question	Total Marks of questions to be attempted	Total marks with options
MCQs	**20**	**1**	**20**	**20**
CRQs	**13+13 (100 % Choice)**	**3**	**39**	**78**
ERQs	**3+3 (100 % Choice)**	**7**	**21**	**42**
Practical			**20**	
Total	**60**	**-**	**100**	**140**