



GRADE 4

ACADEMIC CALENDAR

**Academic Year
2020-2021**



COVID-19 ACCELERATED RESPONSE FOR EDUCATION, PUNJAB



Punjab Curriculum & Textbook Board, Lahore



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Message from the Honourable Minister for School Education, Punjab

After a lag of months due to COVID-19, the schools are reopening and academic activities are resuming in a phased manner across Punjab. The school closure caused reduction in students contact time in the current academic year resulting in learning loss for children. This extraordinary situation called for a custom designed approach in order to ensure that the remaining academic time is utilized in the most efficient manner.

I am pleased to announce that School Education Department, Government of Punjab has risen up to meet the challenge caused by the pandemic and subsequent loss of valuable teaching and learning time in schools. I appreciate Punjab Curriculum and Textbook Board (PCTB) and Quaide-e-Azam Academy for Education Development (QAED) for outlining essential components of the curriculum that merited prioritized attention and, developing comprehensive support package for the teachers. I would also like to acknowledge the assistance by PESP-II for this initiative by SED.

I earnestly hope that this effort by the School Education Department, Government of the Punjab will significantly help mitigate the learning loss caused to our children as a result of the COVID -19 outbreak.

MURAD RAAS

Message from the Secretary for School Education Department, Punjab

COVID-19 has been a significant disruption for educational institutions, educators and learners across public and private schools. The educational activities are resuming and the learning loss due to shortened academic year is one of the substantive challenges to be overcome.

In this regard, I would like to commend the efforts of Punjab Curriculum and Textbook Board (PCTB) and Quaide-e-Azam Academy for Education Development (QAED) for their efforts to respond to this challenge. PCTB and QAED teams worked tirelessly to revisit the curriculum for identifying core learning objectives for students for the remaining academic year; and outlining a roadmap to mitigate the loss of learning time for the students. These are valuable contributions towards bringing the education system back on track across Punjab.

I would also like to thank PESP-II for extending necessary technical assistance in making it happen. I sincerely hope that the efforts of PCTB and QAED will help mitigate the learning loss caused by school closures, and help streamline the learning trajectory of all the children in public sector schools.

SARA ASLAM

Message from the Managing Director Punjab Curriculum & Textbook Board, Lahore

The COVID-19 pandemic caused a serious disruption of education activities. Being responsive to the challenge and to mitigate the educational loss PCTB has developed a prioritized list of academic topics for all grades up to secondary level. To further support teachers in the effective delivery of teaching and learning activities in the classroom, PCTB is pleased to provide the academic calendar for the remaining period for English and Mathematics for Grades 1 – 8 and Science for grades 4 - 8. It provides complete list of textual chapters, topics and page numbers along with curricular references of student learning outcomes. This is further augmented by the provision of daily lesson plans and student worksheets.

I on behalf of my team would like to thank the honourable Minister and Secretary School Education Department, Government of the Punjab for their guidance and support. I would like to express my gratitude to the Director General, Quaid-e-Azam Academy for Education Development (QAED) for furnishing the required support for this initiative. I must also appreciate PESP II technical assistance team for their valuable support.

I sincerely hope that teachers will find this academic calendar useful and it will help them plan better and deliver more systematically.

DR. FAROOQ MANZOOR

Instructions for Teachers

We are pleased to share the academic calendar with you which is part of a comprehensive response to dealing with the learning loss of students caused due to COVID 19. The primary focus, while devising the response, has not only been on developing a calendar but also on developing lesson plans that address Student Learning Outcomes and allow teachers to help students discover concepts and provision of support materials in the form of worksheets. Both these documents will be shared with you on a rolling basis.

To ensure that the plan is executed in the best possible manner and that both teachers and learners get the most out of the plans, it is suggested that time to each of the following domains is allocated as per the percentage given below:

- Teaching 75%
- Assessment 15%
- Reinforcement 10%

We strongly urge you to follow the sequence given in the calendar and plan your lessons well in order to ensure that you are able to make up for the lost time of students.

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ENGLISH

Academic Calendar

Month: October		Number of Periods: 27	
Chapter/Unit Name	Topic/Sub-topic	SLOs	Textbook Page No
1	Hazrat Muhammad's حضرت محمد رسول اللہ ﷺ Kindness صلى الله عليه وآله وسلم	<ul style="list-style-type: none"> Use pre-reading strategies to <ul style="list-style-type: none"> predict the content/ vocabulary of a text from picture and title etc. by using prior knowledge. guess the meaning of unfamiliar words through context. Classify nouns as common and proper nouns (Names of people, pets, places, mountains, lakes, rivers, etc.). Write simple descriptive, narrative and expository paragraphs. 	43- 48
7	Raza's trip to Pakistan	<ul style="list-style-type: none"> Apply critical thinking to interact with text using intensive reading strategies (while-reading) to <ul style="list-style-type: none"> locate specific information to answer short questions. predict what follows in the text using context and prior knowledge. guess meaning of difficult words from context. use context to infer missing words. locate an opinion. distinguish fact from opinion. Locate, provide, connect and use words similar and opposite in meaning. Use some words showing position, time and movement. Recognize that in a paragraph, sentences join to make sense in relation to each other through transitional devices. Use words such as, first, second, next and then to show a sequence. Identify paragraph as larger meaningful unit of expression representing unity of 	96-103

Academic Calendar

		<p>thought.</p> <ul style="list-style-type: none"> Write simple descriptive, narrative and expository paragraphs. 	
Assessment			
Reinforcement			
Month: November		Number of Periods: 25	
Chapter/Unit Name	Topic/Sub-topic	SLOs	Textbook Page No
21	Celebrating Eid ul Azha	<ul style="list-style-type: none"> Apply critical thinking to interact with text using intensive reading strategies (while reading) to: <ul style="list-style-type: none"> locate specific information to answer short questions. predict what follows in the text using context and prior knowledge. guess meaning of difficult words from context. use context to infer missing words. locate an opinion. generate questions to understand text. Locate, provide, connect and use words similar and opposite in meaning. Apply critical thinking to interact with text using intensive reading strategies (while-reading) to: <ul style="list-style-type: none"> distinguish fact from opinion. <p>Demonstrate conventions and dynamics of group oral interaction to</p> <ul style="list-style-type: none"> introduce self and others. engage in conversation. <ul style="list-style-type: none"> take turns. use polite expressions to seek attention. agree/ disagree politely. lead and follow. express needs and feelings. express joy. <ul style="list-style-type: none"> Retell a story in few simple sentences. 	114- 122
Assessment			
Reinforcement			

Academic Calendar

Month: December		Number of Periods: 26	
Chapter/Unit Name	Topic/Sub-topic	SLOs	Textbook Page No
10	Taking a tour of Lahore	<ul style="list-style-type: none"> Use pre-reading strategies to <ul style="list-style-type: none"> predict the content/ vocabulary of a text from picture and title etc. by using prior knowledge. guess the meaning of unfamiliar words through context. Illustrate the use of tenses previously learnt in their speech and writing. 	123- 130
Assessment			
Reinforcement			
Month: January		Number of Periods: 26	
Chapter/Unit Name	Topic/Sub-topic	SLOs	Textbook Page No
14	Helping Others Will Help You	<ul style="list-style-type: none"> Recognize the function of different question words and key words to write appropriate short answers. Revise written work for correct <ul style="list-style-type: none"> Spelling and punctuation. Pronoun –antecedent agreement. Subject -verb agreement. Pronounce and spell long and short vowels and diphthongs as they occur as practice items and sentences in reading lessons and in speech. Illustrate use of can / cannot, may / may not. Identify and use should / 'should not' to express permission and prohibition. 	156-161
Assessment			
Reinforcement			

Academic Calendar

Month: February		Number of Periods: 15	
Chapter/Unit Name	Topic/Sub-topic	SLOs	Textbook Page No
27	Rashid Minhas	<ul style="list-style-type: none"> • Demonstrate conventions and dynamics of group oral interaction to <ul style="list-style-type: none"> ◦ introduce self and others. ◦ engage in conversation. ◦ take turns. ◦ use polite expressions to seek attention. ◦ agree/ disagree politely. ◦ lead and follow. ◦ express needs and feelings. ◦ express joy. • Use appropriate conjunctions to join sentences within a paragraph. • Articulate words containing digraphs, trigraphs and silent letters. • Write simple descriptive, narrative and expository paragraphs. 	165-169
Assessment			
Reinforcement			

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MATHEMATICS

Academic Calendar

اکتوبر، 2020		کل پیریڈز: 27	
باب کا نمبر/نام	عنوان/ذیلی عنوان	کتاب کا صفحہ نمبر	حاصلاتِ تعلیم
1- اعداد	سولین تک گنتی	1-8	Identify place values of digits up to one hundred million.
	(مقامی قیمت/ہندسوں اور لفظوں میں گنتی)	1-8	Recognize numbers in words up to one hundred million.
	نمبر لائن	12-14	Number line.
	اعداد کا موازنہ اور ترتیب	20-21	Compare and order numbers up to 8 digits.
	اعادہ		-----
2- جمع اور تفریق	جمع (سادہ)	26	Add numbers up to 6 digits.
	جمع (روزمرہ زندگی کے ساتھ)	32	Solve real life problems involving Addition of numbers up to 6 digits.
	تفریق (سادہ)	34	Subtract numbers up to 6 digits.
	تفریق (روزمرہ زندگی کے ساتھ)	44	Solve real life problems involving Subtraction of numbers up to 6 digits.
	اعادہ	46	-----
3- ضرب اور تقسیم	ضرب کے بنیادی تصورات کی دہرائی	47	Revision of basic concepts of multiplication.
	7-9 تک پہاڑوں کی دہرائی	47	Revision of tables (7-9).
	5 ہندسی اعداد کی 3 ہندسی اعداد تک ضرب	49-57	Multiply numbers up to 5 digits by numbers up to 3 digits.
	روزمرہ زندگی میں ضرب کے مسائل کا حل	58	Solve real life problems involving multiplication.
	تقسیم کے بنیادی تصورات کی دہرائی	59-61	Revision of basic concepts of division.
	4 ہندسی اعداد کو 2 ہندسی اعداد سے تقسیم کرنا	61-72	Divide numbers up to 4 digits by numbers up to 2 digits.
Assessment			
Reinforcement			
نومبر، 2020		کل پیریڈز: 25	
باب کا نمبر/نام	عنوان/ذیلی عنوان	کتاب کا صفحہ نمبر	حاصلاتِ تعلیم
3- ضرب اور تقسیم	روزمرہ زندگی میں تقسیم کے مسائل کا حل	73	Solve real life problems involving division
	اعادہ	-----	-----
4- اجزائے ضربی اور عاد	قابل تقسیم ہونے کے اصول	74-75	Identify divisibility rules for 2, 3, 5 and 10.
	مرکب اور مفرد اعداد کا تعارف	77	Define prime and composite numbers.

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<ul style="list-style-type: none">Differentiate between prime and composite numbers.	77	مرکب اور مفرد اعداد کا فرق	
<ul style="list-style-type: none">List the first 12 multiples of a 1-digit number.	80	ایک ہندسی عدد کے پہلے 12 اضعاف کی فہرست بنانا	
<ul style="list-style-type: none">List factors of a number up to 50.	81-83	50 تک اعداد کے اجزائے ضربی کی فہرست	
<ul style="list-style-type: none">Factorize a number by using prime factors.	84-88	مفرد تجزی	
<ul style="list-style-type: none">Find LCM by usingcommon multiples,• prime factorization.	87-90	ذواضعاف اقل بذریعہ مشترک اضعاف اور مفرد تجزی معلوم کرنا	
<ul style="list-style-type: none">Find HCF of two or more 2-digit numbers usingcommon multiplesprime factorization.	91-94	عادا عظم بذریعہ مشترک اجزائے ضربی اور مفرد تجزی معلوم کرنا	
-----	-----	اعادہ	5- کسور
<ul style="list-style-type: none">Define a fraction.	95-96	کسور کو سمجھنا	
<ul style="list-style-type: none">Recognize like and unlike fractions.	97-98	ایک جیسی اور مختلف کسور کو جاننا	
<ul style="list-style-type: none">Compare two like fractions-	99	ایک جیسی کسور کا موازنہ کرنا	
<ul style="list-style-type: none">Arrange fractions in ascending and descending order.	100-101	ایک جیسی کسور کو ترتیب دینا	
<ul style="list-style-type: none">Add and subtract fractions with same denominators.	102-104	ایک جیسی کسور کی جمع اور تفریق	
Assessment			
Reinforcement			
دسمبر، 2020		کل پیریڈز: 26	
باب کا نمبر/نام	عنوان/ذیلی عنوان	کتاب کا صفحہ نمبر	حاصلاتِ تعلیم
5- کسور	کسور کی ضرب مکمل عدد سے	106-107	Multiply fractions with whole numbers.
	کسور کی تقسیم مکمل عدد سے	108-109	Divide a fraction by a whole number.
	مختلف کسور کی جمع اور تفریق	119-122	Add and subtract fractions with unlike denominators.
	اعادہ	-----	-----
6- کسور اعشاریہ اور کسور	دسویں کا تصور	127-130	Define decimal as a fraction whose denominator is 10 or a power of 10.
	سویں کا تصور	131-133	Recognize the places occupied by the digits, after the decimal point, as decimal places.
	اعشاری اعداد کو سمجھنا	134	Identify the place value of a digit in decimals.
	اعشاری کسور کو جمع کرنا	135-137	Add decimals (Upto 2 decimal places)

Academic Calendar

<ul style="list-style-type: none"> Subtract decimals (Upto 2 decimal places) 	138-139	اعشاری کسور کی تفریق	
-----	-----	اعادہ	
<ul style="list-style-type: none"> Convert of units to length. 	140-146	لمبائی	7-پیمائش
<ul style="list-style-type: none"> Conversion of units to mass/weight. 	147-148	کمیت اور گنجائش	
<ul style="list-style-type: none"> Conversion of units to capacity. 	149-150	حجم / گنجائش	
Assessment			
Reinforcement			
کل پیریڈز: 26		جنوری، 2021	
حاصلاتِ تعلیم	کتاب کا صفحہ نمبر	عنوان / ذیلی عنوان	باب کا نمبر / نام
<ul style="list-style-type: none"> Add and subtract expressions involving units of mass/weight, Volume capacity and length. 	151-154	جمع، تفریق	7-پیمائش
<ul style="list-style-type: none"> Read time in hours, minutes and seconds. Convert hours to minutes and minutes to seconds. Convert years to months, months to days and weeks to days. 	155-160	وقت کی مختلف اکائیوں کا تعارف	
<ul style="list-style-type: none"> Add and subtract units of time without carrying /borrowing. 	161-163	وقت کی جمع اور تفریق	
<ul style="list-style-type: none"> Solve simple real life problems involving conversion, addition and subtraction of units of time. 	164	روزمرہ زندگی میں پیمائش کے مسائل	
-----	-----	اعادہ	
<ul style="list-style-type: none"> Measure the length of a line in centimetres and millimetres using straightedge/ruler and dividers. Draw a straight line of given length using a straightedge/ruler and dividers Draw a curved line and measure its length using thread/dividers and straightedge/ruler Recognize horizontal and vertical lines. Draw a vertical line on a given horizontal line using set squares. Recognize parallel and non-parallel lines. Identify parallel and non-parallel lines from a given set of lines. Draw a parallel line to a given straight line using set squares. Draw a line which passes through a given point and is parallel to a given line 	165-169	خط	8-جیومیٹری

Academic Calendar

(using set squares).			
<ul style="list-style-type: none">Recognize an angle through non-parallel lines.Draw an angle AOB with vertex (O) and arms (OA,OB) to recognize the notation \angle AOB for an angle AOB.Recognize right angle through horizontal and vertical lines.Demonstrate acute and obtuse angles via the right angle.Recognize the standard unit for measuring angles as one degree (o 1) which is defined as 360 1 of a complete revolution.Measure ang es using protractor where<ul style="list-style-type: none">upper scale of protractor reads the measure of angle from left to right.lower scale of protractor reads the measure of angle from right to left.Draw a right angle using protractor.Draw acute and obtuse angles of different measures using protractor.Draw an angle (using protractor)<ul style="list-style-type: none">equal in measure of a given angle,twice the measure of a given angle,equal in measure of the sum of two given angles.	170-177	زاویہ	
<ul style="list-style-type: none">Identify centre, radius, diameter and circumference of a circle.Draw a circle of given radius using compasses and straightedge/ruler.	178-179	دائرہ	
-----	-----	اعادہ	
<ul style="list-style-type: none">Read and interpret simple bar graphs given in horizontal and vertical form.	180-182	بار گراف	9- معلوماتی معاملات
<ul style="list-style-type: none">Read and interpret line graph.	183-184	لائن گراف	
-----	-----	اعادہ	
Assessment			
Reinforcement			
کل پیریڈز: 15		فروری، 2021	
حاصلاتِ تعلیم	کتاب کا صفحہ نمبر	عنوان / ذیلی عنوان	باب کا نمبر / نام
Revision of October Syllabus		Week-1	
Revision of November Syllabus		Week-2	
Revision of December Syllabus		Week-3	
Revision of January Syllabus		Week-4	
Assessment			
Reinforcement			

GRADE 4

GENERAL SCIENCE

Academic Calendar

اکتوبر، 2020		کل پیریڈز: 27	
باب کا نمبر/نام	عنوان/ذیلی عنوان	کتاب کا صفحہ نمبر	حاصلاتِ تعلیم
باب 1: اپنی پہچان	<ul style="list-style-type: none"> تعارف جسم کے اہم حصے اور اُن کے افعال آنکھیں کان دانت، دودھ کے دانت، مستقل دانت سر گرمی 1.2، 1.3 	1, 2, 3	<ul style="list-style-type: none"> Identify major parts of human body (eyes, ears, teeth). State functions of major parts of the body(eyes, ears, teeth).
	<ul style="list-style-type: none"> ہڈیاں، جوڑ سر گرمی 1.4 پٹھے پٹھوں کی مدد سے جسمانی حرکت 	3, 4, 5	<ul style="list-style-type: none"> Describe how bones and muscles work together to produce movement.
	<ul style="list-style-type: none"> دماغ دل معدہ پھیپھڑے سر گرمی 1.5 جلد 	5, 6	<ul style="list-style-type: none"> Identify major parts of human body(brain, heart, stomach, lungs, skin). State functions of major parts of the body(brain, heart, stomach, lungs, skin).
	<ul style="list-style-type: none"> صحت مند جسم ملیریا ڈینگی بخار 	6, 7, 8 & 9	<ul style="list-style-type: none"> Identify common disorders of various parts of body and their causes. Suggest ways to keep parts of their body healthy.
	<ul style="list-style-type: none"> تعارف خوراک پانی سر گرمی 2.1 ہوا روشنی 	14, 15	<ul style="list-style-type: none"> Identify factors necessary for both animals and plants to survive.
باب 2: جانداروں کی خصوصیات اور ضروریات	<ul style="list-style-type: none"> زندگی کی طبعی خصوصیات حرکت 	16, 17	<ul style="list-style-type: none"> Compare physical characteristics of animals and plants. Perform an experiment to show that living things can grow while non-living things cannot grow.

Academic Calendar

<ul style="list-style-type: none"> Conduct a simple experiment to show growth in plants. 		<ul style="list-style-type: none"> سرگرمی 2.2 نشوونما سرگرمی 2.3 	
Assessment			
Reinforcement			
کل پیریڈز: 25		نومبر، 2020	
حاصلاتِ تعلیم	کتاب کا صفحہ نمبر	عنوان / ذیلی عنوان	باب کا نمبر / نام
<ul style="list-style-type: none"> Identify the sources of common food. Explain the properties of major food groups. Classify different food into their basic groups. 	23, 24, 25, 26	<ul style="list-style-type: none"> تعارف غذائی گروہ اور اُن کے ذرائع کاربوہائیڈریٹس لحمیات چکنائیاں وٹامنز منزلز پانی 	باب 3: خوراک اور صحت
<ul style="list-style-type: none"> Explain hygiene and its basic principles. 	29, 30	جسمانی صحت و صفائی (صحت و صفائی کے بنیادی اصول)	
<ul style="list-style-type: none"> Define environment. Explain components of environment with examples. Differentiate between various types of environment. 	35, 36, 37	<ul style="list-style-type: none"> ماحول سرگرمی 4.1 ماحول کی اقسام سرگرمی 4.2 سرگرمی 4.3 	
<ul style="list-style-type: none"> Classify animals on the basis of food they eat. Differentiate between carnivores, herbivores, and omnivores with the help of examples. 	39, 40	جانوروں میں حصولِ خوراک کی عادات	
<ul style="list-style-type: none"> Define matter and give examples. 	47, 48	<ul style="list-style-type: none"> تعارف شکل اور حجم سرگرمی 5.1 کمیت 	باب 5: مادہ اور اس کی حالتیں

Academic Calendar

		• سر گرمی 5.2	
Assessment			
Reinforcement			
دسمبر، 2020		کل پیریڈز: 26	
باب کا نمبر/نام	عنوان/ذیلی عنوان	کتاب کا صفحہ نمبر	حاصلاتِ تعلیم
باب 5: مادہ اور اس کی حالتیں	<ul style="list-style-type: none"> • مادہ کی تین حالتیں • ٹھوس • سر گرمی 5.3 • مانع • سر گرمی 5.5 • گیسیں • سر گرمی 5.6 • سر گرمی 5.7 • سر گرمی 5.8 • سر گرمی 5.9 • سر گرمی 5.10 	49, 50, 51, 52, 53	<ul style="list-style-type: none"> • Identify three states of matter with examples. • Compare solids, liquids and gases on the basis of shape and volume.
	<ul style="list-style-type: none"> • حرارت کے ٹھوس، مائع اور گیسوں پر اثرات • سر گرمی 5.11 • سر گرمی 5.12 • سر گرمی 5.13 • سر گرمی 5.14 	54, 55, 56	<ul style="list-style-type: none"> • Demonstrate and explain how matter changes its state on heating.
باب 6: درجہ حرارت اور اس کی پیمائش	<ul style="list-style-type: none"> • تعارف • لیبارٹری تھرمامیٹر • درجہ حرارت ماپنے کے پیمانے • سر گرمی 6.1 • ڈاکٹری تھرمامیٹر 	64, 65, 66, 67	<ul style="list-style-type: none"> • Define heat and temperature. • Draw and label the device for measuring temperature. • Measure and record the body temperature using a laboratory thermometer and a clinical thermometer.
	<ul style="list-style-type: none"> • تھرمامیٹر کو استعمال کرنے کے لیے حفاظتی اقدامات 	68	<ul style="list-style-type: none"> • Suggest the safety measures required in using thermometers.
باب 7:	<ul style="list-style-type: none"> • قوت کیا ہے؟ 	72, 73	<ul style="list-style-type: none"> • Define force by giving examples.

Academic Calendar

		سرگرمی 7.1	قوتیں اور مشینیں
Assessment			
Reinforcement			
کل پیریڈز: 26		جنوری، 2021	
حاصلاتِ تعلیم	کتاب کا صفحہ نمبر	عنوان / ذیلی عنوان	باب کا نمبر / نام
<ul style="list-style-type: none"> Investigate the ways in which motion of an object can be changed. 	73, 74	<ul style="list-style-type: none"> قوت کے اثرات (قوت اور حرکت میں تبدیلی) سرگرمی 7.2 	باب 7: قوتیں اور مشینیں
<ul style="list-style-type: none"> Demonstrate how force can change the position and the shape of an object. Explore that greater the force, greater the change in the distance covered by the object. 	74, 75, 76	<ul style="list-style-type: none"> قوت کے اثرات (قوت اور حرکت کرتے ہوئے جسم کی سمت میں تبدیلی) قوت کے اثرات (قوت اور جسم کی شکل میں تبدیلی) سرگرمی 7.3 سرگرمی 7.4 سرگرمی 7.5 سرگرمی 7.6 	
<ul style="list-style-type: none"> Define speed and give its relation with distance. 	77	<ul style="list-style-type: none"> فاصلہ اور رفتار 	
<ul style="list-style-type: none"> Investigate that sound is produced by vibrating objects. 	83, 84	<ul style="list-style-type: none"> تعارف آواز کیسے پیدا ہوتی ہے؟ سرگرمی 8.1 سرگرمی 8.2 آواز تھر تھرتھرتی ہوئی اشیاء سے پیدا ہوتی ہے 	باب 8: آواز کا تعارف
<ul style="list-style-type: none"> Demonstrate that sound can travel through solids, liquids and gases but cannot travel through a vacuum. Interpret that the explosions in the core of the sun are not heard, as sound cannot travel through vacuum. 		<ul style="list-style-type: none"> آواز کے سفر کرنے کے لیے ذریعہ سرگرمی 8.4 سرگرمی 8.5 	
<ul style="list-style-type: none"> Differentiate between noise and other sounds. Explore the effects of noise on human health. 		<ul style="list-style-type: none"> شور انسانی صحت پر شور کے اثرات 	
<ul style="list-style-type: none"> Suggest ways to reduce noise pollution and plan an awareness campaign on any one. 		<ul style="list-style-type: none"> شور کی آلودگی کم کرنے کے لیے اقدامات 	

Academic Calendar

<ul style="list-style-type: none">Investigate using a magnet that some materials are magnetic and some are nonmagnetic.Identify the various uses of magnets and magnetic materials in daily life.	96	<ul style="list-style-type: none">تعارفموصل اور ناقص موصلمقناطیسمقناطیسی اور غیر مقناطیسی اشیاسرگرمی 9.3	باب 9: بجلی اور مقناطیسیت
<ul style="list-style-type: none">Differentiate between temporary and permanent magnets.Investigate that a freely suspended magnet always points in the N - S direction.	97	<ul style="list-style-type: none">مقناطیس کی خصوصیاتسرگرمی 9.4	
<ul style="list-style-type: none">Recognize that a magnet has poles.Demonstrate that like poles repel each other and unlike poles attract each other.	97, 98	<ul style="list-style-type: none">مقناطیسی قطبسرگرمی 9.5سرگرمی 9.6	
Assessment			
Reinforcement			
کل پیریڈز: 15		فروری، 2021	
حاصلاتِ تعلیم	کتاب کا صفحہ نمبر	عنوان / ذیلی عنوان	باب کا نمبر / نام
<ul style="list-style-type: none">Describe the shape of Earth.	103, 104, 105	<ul style="list-style-type: none">زمین کی شکلسرگرمی 10.1سرگرمی 10.2سرگرمی 10.3	باب 10: زمین کی حرکت
<ul style="list-style-type: none">Relate the Earth's spin with the occurrence of day and night.	106, 107	<ul style="list-style-type: none">زمین کی محوری گردش—دن اور رات کا ظہورسرگرمی 10.4	
<ul style="list-style-type: none">Define the term revolutionIdentify that the distance between the Earth and the sun effects the time Earth takes to revolve around the sun.	107	<ul style="list-style-type: none">زمین کی گردش—ایک سال	
Revision of October Syllabus		Week-1	
Revision of November Syllabus		Week-2	
Revision of December Syllabus		Week-3	
Revision of January Syllabus		Week-4	
Assessment			
Reinforcement			

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