



Sadiq Public School

Do the right, fear no man

Summer Vacation 2023 Assignments Class P6

English

Read the books Alice in Wonderland, Jane Eyre Christmas Carol and the Necklace read the text and learn, the use of embedded quotes, figurative language, literary terms, as well as all the grammar covered this year:

- Sentences variety (simple, compound, complex)
- Paragraphing • Connectives
- Tenses (past, present and future)
- Subject verb agreement •

Active/passive voice

- Collective nouns
- Adjectives/adverbs
- Pronouns/personal and possessive
- Prefixes
- Prepositions
- Use of apostrophes
- clauses: main clause/subordinate clause
- Punctuation: apostrophes, commas exclamation marks.

Here are a few helpful sites to download the books: • www.bbcskillwise.co.uk •

www.funbrain.com • www.learnenglish.org.uk • www.homenet/englishzone

Students should also review all the work done in their handouts last term and writing copies.

Learn and write at least new 50 forms of verb and write 5 paragraphs using these verbs in Past, Present and Future Tenses.

- Make Your own dictionary and write 30 new words with meanings. Make meaningful sentences of those words.
- Write diary entry for a week, recording your daily activities specially write about a family gathering or a trip .
- Revise general rules of Voices and write ten sentences of each tense changing active voice into passive voice.
- Revise Narration rules and change fifteen direct assertives, interrogative, exclamatory sentences into indirect narration. .

Recommended movies :

- Spirit
- Scrooge A Christmas Carol

Write about your favourite character of the movie and give reasons.

Mathematics	Chapter .2	EX. 2A ,Q (3,4) EX. 2B, Q(1,2,3,4,5)EX. 2C , Q (1,2,3,4,5) EX. 2D, Q (1,3,5,7,8,9)
	Chapter .4	EX. 4A , Q (1,2,3,4,5) EX.4B , Q (1,2,3) EX. 4C , Q(1)
	Chapter .5	EX.5A , Q(1,2,3,4,5) EX. 5B , Q(1,2,3,4) EX. 5D , Q(2)
	Chapter .6	EX. 6A , Q (1,2,3,4,5)
	Chapter .7	EX. 7A , Q(1,2,3)
	Chapter .8	EX. 8A , Q (1,2,3,4,5) EX.8B , Q(1,2,3,5)
	<p>Project # 1 Draw a number line and mark the first 5 prime numbers on the number line.</p> <p>Project # 2 Make a table in which write the rules of addition , subtraction ,multiplication and division involving negative integers.</p> <p>Project # 3 How to use letters to represent numbers and interpret basic algebraic notation, explain with appropriate examples.</p> <p>Project # 4 Write any two application of linear equation in real-world contexts.</p> <p>Project # 5 How many symbols use for inequality, draw and write their names. Explain with examples also.</p> <p>Project # 6 Draw a Cartesian plane and also represent some points in 1st , 2nd , 3rd and 4th quadrants.</p> <p>Project # 7 Draw and write the name some geometrical shapes on Cartesian plane.</p> <p>Project # 8 How we use percentage in our daily life , explain with appropriate examples.</p>	
Art	<ol style="list-style-type: none"> 1. Recreate any still life painting of Paul Cézanne on 1 by 1 feet canvas and paint it. 2. Recreate Leonardo da Vince's Mona Lisa with a twist of your own on 1 by 1 feet chart and colour it. 3. Do doodle art on 1 by 1 feet canvas and colour it in vibrant tones. 4. Draw at least 1 quick sketch daily from live by putting something in front of you. 	
G.Science	<p>Note:</p> <ul style="list-style-type: none"> ➤ Write and learn answers of following questions from Chapter 1(Cells, Tissues and Organs), Chapter2(Senses and Sense Organs) ➤ Write the Answers of all questions on your notebook. ➤ Write down any 5 MCQs from each chapter 1 & 2. ➤ Reading of chapter 3 (Photosynthesis and Respiration in Plants) <p>Chapter 1 Cells, Tissues and Organs</p> <ol style="list-style-type: none"> 1. Why do you usually need to cut a very thin slice of a specimen to look at it under a light microscope? 2. Why a cell stained or dyed before being looked at with a light microscope? 3. How many cells are there in a unicellular organism? Name two examples of unicellular organisms. 4. Name three different types of specialized cells. Which part of the cell determines how it will be specialize? 	

5. What is the function of the cell membrane?
6. What is the name of the green-colored pigment inside the chloroplasts?
7. Draw a label diagram of Plant cell.
8. Name two parts of plant cell that are also present in the animal cells.
9. Explain the difference between a tissue and an organ.
10. Arrange these body parts in order of their size and level of organization in the body.
Organ, tissue, cell, organ system

Long questions:

1. Differentiate between plant and animal cell
2. Write a detail note on plant organ system.

Chapter 2

Senses and Sense Organs

If you were blindfolded and given a number of different objects to handle, what could you tell about them using only the sensitivity of your fingers?

A few people are born without a sense of pain. Explain how this might put their health and lives at risk?

Apart from the cells which detect chemicals, what other types of sensitive cells or receptors must be present on the tongue?

What is the difference between taste, smell and flavor?

When you have a head cold, the lining of your nasal cavity is coated with a layer of mucus. Explain why a head cold affects your sense of smell?

The following are descriptions of parts of the eye. Can you name each of the parts described?

- i. The coloured part of the eye →
 - ii. Gets bigger in dim light and gets smaller in bright light →
 - iii. A transparent layer in front of the eye →
 - iv. Changes shape during focusing →
 - v. A hole in the iris → Pupil.
 - vi. Hold the lens in place →
 - vii. A layer of light-sensitive cells →
 - viii. A nerve connecting the eye to the brain →
7. Many people over the age of 50 have to wear spectacles for reading. What sorts of lens spectacles
 8. What is the difference between short-sightedness and long-sightedness? What causes these defects of vision and how they are corrected?
 9. How is the eye like a camera camcorder? How is it different?
 10. In your own words, describe how the ears turn sound waves into nerve impulses.
 11. Why it would be dangerous for someone with faulty semicircular canals to ride a bicycle?

Long questions:

1. Write down note on structure of Human eye.
2. Write down note on structure of Human ear.

Projects: Each student selects and completes at least one project from the following.

- i. Make a Chart of labeled diagram of Plant cell
- ii. Make a Chart of labeled diagram of Animal cell
- iii. Make a chart of any 5 laboratory apparatus
- iv. Make a Chart of labeled diagram of Light microscope
- v. Make a Chart of labeled diagram of any human organ

<p>Islamiyat</p>	<p>توحید کی اہمیت و اثرات۔ نبوت و رسالت۔ اسلام میں عبادات کا جامع تصور۔ طہارت و پاکیزگی۔ ریاست مدینہ کا قیام۔ ریاست مدینہ کا استحکام۔ غزوہ احد۔ نماز کی فرضیت و اہمیت۔ نبی صلی اللہ علیہ وسلم اور مدنی معاشرہ کے تمام سوالات و جوابات</p> <p>ترجمہ قرآن</p> <p>سورۃ الفیل تا سورۃ الہب کا ترجمہ لکھنا ہے، نیز تمام مشقی سوالات اور الفاظ معانی لکھیں اور یاد کریں۔</p>
<p>Urdu</p>	<p>حصہ نظم: حمد نعت، چاند میری زمیں پھول میرا وطن (اشعار کی تشریح، مشقی سوالات لکھنے اور یاد کرنے ہیں)</p> <p>اسباق: علامہ اقبال اور نوجوان نسل، ذرا فون کر لوں؟، یوم دفاع پاکستان (مکمل مشقی سوالات لکھنے اور یاد کرنے ہیں)</p> <p>قواعد: الفاظ متضاد۔ واحد جمع، مذکر مؤنث، متلازم الفاظ، اسم معرفہ، اسم نکرہ، سابقہ / لاحقہ (اسباق کی مشقوں میں سے لکھنے اور یاد کرنے ہیں)</p> <p>مضامین: محنت میں عظمت، میری پسندیدہ شخصیت، میرا وطن، علامہ اقبال اور نوجوان نسل</p> <p>کہانیاں: لالچ بری بلا ہے، اتفاق میں برکت ہے، جھوٹ کی سزا، عقلمند کسان</p> <p>خطوط نویسی: دادا جان کے نام خط لکھ کر عمرہ کی ادائیگی کی مبارک باد دیں۔ دوست کے نام خط لکھ کر چھٹیاں اپنے ہاں گزارنے کی دعوت دیں۔ والد صاحب کے نام خط لکھ کر رقم منگوائیں۔</p> <p>درخواست نویسی: درخواست برائے رخصت بیماری، درخواست برائے حصول سرٹیفکیٹ، درخواست برائے رخصت ضروری کام</p> <p>سرگرمیاں (ACTIVITIES):</p> <p>☆ لائبریری سے بچوں کے رسائل لے کر ان سے مضامین اور نظمیں پڑھیں اور ان کے مطالب و مفہم لکھیں۔</p> <p>☆ اپنی پسند کی نعت یاد کر کے لکھیں۔</p> <p>☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆</p>
<p>Computer</p>	<p>Reading: Ch#1 "ICT Fundamentals", Ch#2 "Components of computer system" and Ch#3 "Digital Skills"</p> <p>Activities:</p> <ol style="list-style-type: none"> 1) Make a chart of ICT devices for displaying in class room. 2) Draw the working of CPU (Page 24) on hard chart. 3) Create 3D shapes in geometry in Ms Paint and take its print. <p>Project:</p> <p>Make a project of Smart dustbin OR Make a Buzz Wire Game (Any one) "https://projecthub.arduino.cc/"</p> <p>Written Work: Make 15 MCQs each from chapters,</p> <p>Write the answers the following questions on note book.</p> <ol style="list-style-type: none"> i. Define ICT, how is it helpful in everyday life? ii. Write down any five advantages of ICT devices. iii. Write down any five advantages of ICT devices. iv. Differentiate between second and third generations of computer. v. Discuss the applications of ICT in manufacturing industries. vi. Differentiate between software and hardware. vii. Write a note 5th Generation of computer. viii. Enlist any three computers of first generations. ix. Where do we use Navigations system and how does it work? x. Enlist basic components of computer. xi. What are input devices? Enlist any four. xii. Differentiate RAM and ROM. xiii. How SSD is better from HDD?

	<p>xiv. Differentiate between flat and SMD monitors.</p> <p>xv. Write the functions of control unit in computer system.</p> <p>xvi. Can a computer work without secondary storage devices? Justify your answer.</p> <p>xvii. How does a light pen work?</p> <p>xviii. Write a note on monitors, enlist its types.</p> <p>xix. How does a barcode reader work?</p> <p>xx. What are sensors? Where do we use them?</p> <p>xxi. What is a search engine? Discuss any two.</p> <p>xxii. Define software.</p> <p>xxiii. Differentiate between file and folder.</p> <p>xxiv. Discuss Educational software.</p> <p>xxv. Discuss any two examples of operating systems.</p> <p>xxvi. What is search engine? Discuss any two.</p> <p>xxvii. What is productive software?</p> <p>xxviii. What is application software? List down its type</p> <p>xxix. Enlist language translators.</p> <p>xxx. Write a note on Snipping tools in windows.</p>	
History/ Geography	Written Work	Project Work
	<p>THE INDUS VALLEY CIVILIZATION</p> <p>Read the chapter and answer all exercise questions.</p> <p>Living with the Climate</p> <p>Read the chapter and answer all exercise questions.</p>	<p>1. On a chart paper make a layout of a Harappan cit. By pasting pictures and using cardboard figurines, recreate life in the time of Indus Valley Civilization</p> <p>2. Use Physical maps to locate Climatic Zones of the world and Pakistan.</p>