

The City School

University Road Campus



Class 7

Study Plan March 2020

Subject: English

DAY 1

Time: 1 hr

Topic: chapter 19, The Return of Rhyme and Reason.

Silent reading of pages no. 237-252

Q. Briefly describe the following characters:

- a) Horrible Hopping Hindsight
- b) Over bearing know-it-all
- c) Gross exaggeration
- d) Thread bare excuse

Day 2

Time Duration: 1hr

Topic: unit 10 Nazir Sabir (OPE) and Tenses (Past tense)

Silent reading of pages no. 268-270

Q. Reading for interpretation (pg 270)

Do Q1,2,3,4 and 5

Q. Write down at least 5 sentences in past tense used in the passage and write them in past continuous tense

Day 3

Time Duration: 1hr

Topic: describe a memorable trip to a place that you shall remember for all of your life (word limit 180-250)

Success Criteria:

- use the 5 senses
- use past tense and punctuation marks
- use correct spelling
- use capital letters where necessary
- write in 3 to 4 paragraphs

Day 4

Time Duration: 1hr

Topic: unit 9/ other worlds (OPE) pages 226-232

Q. Reading for interpretation (pages 231-232)

Do Q1, 2, 5, 6, 7 and 9

Day 5

Time Duration: 1hr

Topic: Account Writing

Q. write about a time when you took stand for someone who really means a lot to you.

Success Criteria:

- record of events
- mention facts and figures
- use past tense/pronoun I

Format:

- subject
- write in 3 to 4 paragraphs
- sign
- write full name
- date

Day 6

Time Duration: 1hr

Topic: Chapter 20; Goodbye and hello

Silent reading of pages no. 253- 256

Q1. Write down the character sketches of King Azaz and Mathemagician

Q2. Are you satisfied with the ending? Suggest a better ending for the novel

Day 7

Time Duration: 1hr

Topic: Unit 6; Travel Writing (OPE) / Simple Compound and Complex Sentence

Silent reading of pages no. 153-156

Q1. Reading for understanding (Pg.156)

Do Q1-Q5

Q2. Write down examples of simple compound and complex sentences used in the passage

Day 8 Time Duration: 1hr

Topic: Report Writing

Q. Write a report on 14th August celebrated with great zeal and zest at your school.

Format:

- date
- heading
- introduction- (5W's)
- body- write about the event in detail
- conclusion- how the event ended and give your opinion about the event?
- By: name

Day 9

Time Duration: 1hr

Topics: chapter 1 and 2 of the novel / synonyms

Silent reading of pages no. 13-20

Q1. Write down the character sketch of Milo

Q2. Write down the synonyms of the following words and use in sentences

- a) Assorted
- b) Effusive
- c) Monotonous
- d) Puzzled
- e) Harshly

Day 10

Time Duration: 1hr

Topic: Narrative (Story Writing)

Q. Write about a time when you turned a boring day into an exciting one

Success Criteria:

- Theme
- Setting
- Dialogue
- Plot-what happened in the story in order
- Climax- it contains conflict, problem, suspense
- Characters
- Use narrative technique, 1st Person Pronoun I

Subject: Mathematics Grade 7

Note:

1. This assignment will be solved in full scape sheet. All the working steps should be clear along with rough working (where needed).
2. Completion of the assignment is compulsory, Time duration: 40mins for each assignment.
3. Try to complete the given assignment to the maximum level and you will be awarded accordingly.

Day	Topic	Task
1	Percentage	Wkbkpg 93 Q10 (a-h) pg 94 Q 11(a-h)
2	Percentage	Wkbkpg 94 Q12(a-e) pg 94 Q13(a-c)
3	Percentage	Wkbkpg 94 Q 14-17
4	Ratio	Wkbkpg 98 Q4 (a-j) pg 99Q 5(a-h)
5	Ratio and rate	Wkbkpg 99 Q6 (a-f) pg 99 Q7(a-f) pg 100 Q13
6	Linear Equations and inequalities	Wkbkpg45 Q5-8 Q9(a-c) Q10(a-d)
7	Linear Equations and inequalities	Wkbkpg46 Q11(a-c) Q12(a-b)Q14(a-f)
8	Linear Equations and inequalities	Wkbkpg47 Q20-22
9	Area and Perimeter	Wkbkpg148 Q2, 3 and 4
10	Area and Perimeter	Wkbkpg149 Q5,8 and 9

Subject: Science

Day 1 :

Duration 1 hour

Page 5 of 20

Topic: Chap 1 Structure of cell

Chap 2 Classifying living things

Task: Read topics from book

Answer the following questions:

Q.1. Define the following terms

1. Cell 2. Tissues 3. Organ 4. Organism

Q.2. Design a dichotomous key to classify:

1. Lion 2. Mango

Q.3 Who is Carl Linnaeus? Why living things need to be classify

Q.4 Write down classification scheme of

1. spider 2. Fern 3. Star fish

Q.5 Write down functions of

1. Nucleus of cell 2. Cytoplasm

Q6 Write down the adaptations of

a. Red blood cells b. Palisade cells

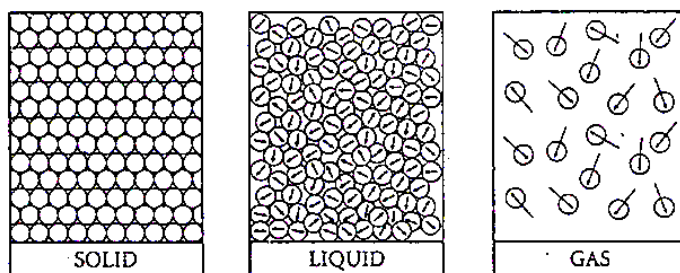
Day 2 :

Duration 1 hour

Topic: Chap 6 Particle Model of Matter

Task: Read chapter carefully and give answers of following questions.

1. The diagram below shows how the particles may be arranged in each of the three.



Use the particle model to explain these statements.

- i. Solids keep the same shape and size?
- ii. Liquids can flow into new shapes.
- iii. Gases can expand and spread out easily.

2. Define diffusion. Why gases diffuse quickly as compared to liquids?

3. Complete the following table

S.No	Properties	Solid	Liquid	Gases
1.	Arrangement of particles			
2.	Volume and shape			
3.	Movement of particles			
4.	Density			

4. Give reasons

1. Cooking aroma can be smell from outside home.
2. Sugar cube can take more time to dissolve as compared to sugar syrup
3. Density matter in floating and sinking of objects.
5. Define solubility .Explain factors affecting solubility.

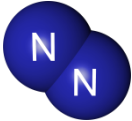



Day 3 :

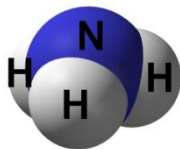
Duration 1 hour

Topic: Chap 7 Atoms and Molecules

Task: Read chapter carefully and give answers of following questions.

1. Write the chemical formula of the following.

Molecule	Chemical formula
	
	
	
	



2. Draw the electronic diagrams of following elements;

- a. Na Atomic mass 23 Atomic number 11
- b. Sulfur Atomic mass 32 Atomic number 16
- c. Chlorine Atomic mass 36 Atomic number 17

3. Look at the following ions and predict how many electrons receive or lost .

- a. Cl -1
- b. O -2
- c. K +1
- d. H +1
- e. Ca +2

4. Write down the contribution of following scientist in establishment of atomic theory:

- a. John Dalton
- b. Rutherford

5. Write down the differences between molecule of an element and molecule of a compound.

Day 4 :

Duration 1 hour

Topic: Chap 8 Simple Chemical Reactions

Task: Read chapter carefully and give answers of following questions.

1. Write the word equations for following reactions.
 - a. A piece of zinc dropped in HCl acid.
 - b. Marble[calcium carbonate] react with sulfuric acid
 - c. Magnesium burnt in air
 - d. Methane burnt in oxygen
 - e. Carbon react with oxygen
 2. How many types of chemical reactions are? Give the examples of each type of reaction.
 3. Name the gas coming out when a reaction took place between metal carbonate and an acid. Write the confirmatory test of the gas evolved?
 4. Predict the gas evolved when a metal react with an acid. How it can be confirmed?
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Day 5 :

Duration 1 hour

Topic: Chap 3 Elements, Mixtures and compounds

Task: Reinforce chapter carefully and give answers of following questions.

1. Look at the periodic table given on pg 65 and complete the table

Element	Its chemica	Element	Its chemica
Oxygen		Sulphur	
Silicon		Zin	
Aluminium		Titanium	
Calcium		Neo	
Magnesium		Bromine	

2. Write the constituent elements for the following compounds.

Compound	Its constituent elements
Carbondioxide	
Common salt(Sodiumchloride)	
Sand (silicon dioxide)	
Chalk (calcium carbonate)	
Glucose(C ₆ H ₁₂ O ₆)	
Potassiumchloride	
Iron Sulphide	
Mercuric oxide	
Copper carbonate	
Water	

2. The chemical formulae of some molecular elements and compounds are given below. Differentiate the elements from the compounds.

A, Br₂ b. O₃ c. CCl₄ 4. HCl 5. KBr

3. Write down differences between elements, mixtures and compounds with proper examples.

Day6 :

Duration 1 hour

Topic: Chap 4 Mixtures

Task: Reinforce chapter carefully and give answers of following questions.

1. What are the different methods of separating mixtures?
2. Explain fractional distillation. Give an example to support your answer.
3. Describe chromatography? Write down where this technique can be used?
4. Write down the separation techniques use to separate the following mixtures.

a. Salt from sea water b. Dye from mixtures of dye c. chalk from water

5. How can a mixture of iron filings, sand and salt can be separated out?

6. Define the following terms:

1. Filtrate 2. Residue 3. Filter paper 4. Density

Day:7

Duration 1 hour

Topic: Chap 5 Solutions

Task: Reinforce chapter carefully and give answers of following questions.

1. Define neutralization. Give one example from daily life.

2. Draw pH scale with labeling and specific colours.

3. Give 2 examples of the uses of solvents and solutions in

a. Home b. Industries

4. Which of the following statements are true , and which are false? You will need to read each statement very carefully.

1.petrol will dissolve oil so petrol is a solvent.

2. oil will dissolve in petrol so oil is a solute.

3. oil will dissolve in petrol so oil is a solvent.

4. in salt solution water is the solvent and salt is the solute.

5. in salt solution water is the solute and salt is the solvent.

6. sulphur will not dissolve in water so sulphur is insoluble in water.

5.Complete the following table

SUBSTANCE	STRENGTH&TYPE	pH	COLOUR OF UI
Hydrochloric acid	Strong acid		red
Boric acid		pH5	yellow
Sodium hydroxide		pH14	
Sodium bicarbonate	Weak alkali		Dark green
Distilled water		pH7	

6. Write down the word equations to show reaction of acids with ;

1. Metals

2. Metal carbonates

3. Alkali

Day8:

Duration 1 hour

Topic: Chap 11 The Solar System and beyond

Task: Reinforce chapter carefully and give answers of following questions.

1. Explain the solar and lunar eclipses with diagrams.
2. What is Hubble telescope?
3. Differentiate between stars and planets.
4. Differentiate between rotation and revolutionary movement of Earth.
5. Describe how days and night is formed?
6. Explain the formation of seasons?

Day9:

Duration 1 hour

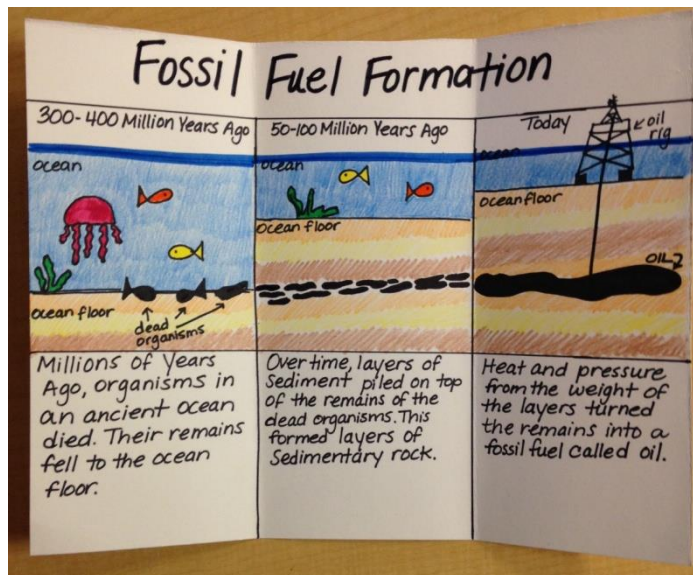
Topic: Chap 9 Energy resources

Task: Read chapter carefully and give answers of following questions.

1. Watch the given video and differentiate between renewable and non renewable energy resources .

<https://youtu.be/gAES1ARTXUg>

Look at the given picture and write how fossil fuels are formed



2. From the above pictures and video help solve review questions Q.1 till Q.4 on pg no 173
3. Design a poster on energy conservation.

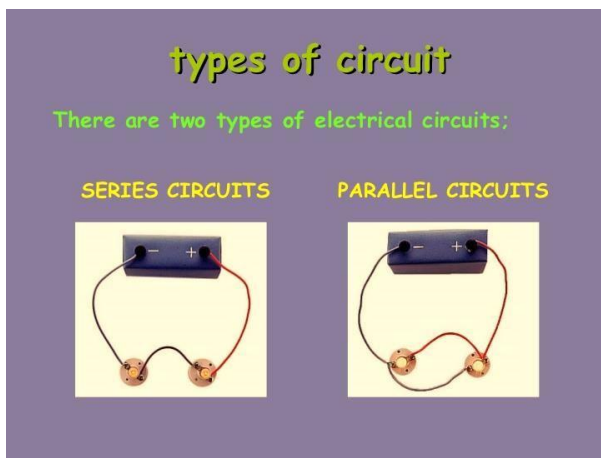
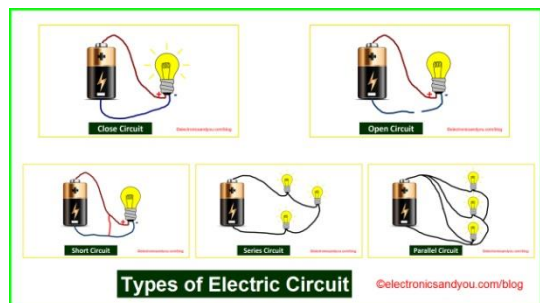
Day10:

Duration 1 hour

Topic: Chap 10 Electrical circuits

Task: Read chapter carefully and give answers of following questions.

1. Look at the following pictures and write the properties of simple and parallel circuits



2. Watch the given video and complete the given video log

Link: https://youtu.be/x2EuYqj_0Uk

Topic of video	What you see	What you learn

3. Take help from all resources and solve the review questions given on pg.no 218

4. With the help of available resource at home, design a series or parallel circuit.

Material can be use; Simple wires, small led bulbs, any cardboard piece, small battery

Subject: Geography

Topic: Transport, Trade and Telecommunication T.b Pg no: 103 -118)

Day1

Time duration: 30mins

Objectives: Students will be able:

- ✪ Define trade.
- ✪ Explain the reasons why countries trade.
- ✪ Describe the two main types of trade

Resources: : Text book pg no 103 till 105 ,Voice notes, Mind maps via Whatsapp learning aid

Teacher's explanation:

Revisit the definition of trade: ' the buying and selling of products we want and need'.

Explain to learners that everything we want and need cannot be always obtained within the national borders of the Pakistan, so we must import these goods from other countries in the world to meet demand. Now consider your favourite food (For e. g: chocolates : where were the ingredients to make that food grown? Could they have been grown in the Pakistan? If no, what factors prevent it from being grown here?

"Touch upon the fact"

As Martin Luther King Jr said, "Before you finish eating breakfast this morning, you have depended on more than half of the world". Demonstrate this idea to anyone at home that morning tea may be from Kenya, and cereal from corn grown in the USA. 'Touch upon the fact ' the source food that is grown in the Pakistan *when possible*, as it is better for the environment and supports Pakistani farmers and what is not grown needs to be traded with other countries.

Now self question to yourselves what factors involves in trading with other countries

List should include:

- **Unavailability of Products**
- **Easy access(neighbouring countries, Transport facilities like through Roads or railways,Sea)**
- **High demand of product**
- **Good communications**

Can we trade with other countries? What type of trade it is called as?

What type of trade is done with in the country? Use Text Book as the resource.

And make a mind map of the above stated in the notebook.

Q1a. Describe the two main types of trade /4m

b. Why do countries trade with each other? /3m

a. Describe what your life might be like if Pakistan didn't Trade with other countries. /4m

Objectives: Students will be able to:

- ☛ Describe how trade takes place on a small and large scale.
- ☛ State the meaning of the term balance of trade.
- ☛ .List down Pakistan’s import and export items.
- ☛ Describe various modes of transportation essentials for efficient trade.

Resources: Text book pg no 106 till 115, Voice notes, Mind maps via Whatsapp learning aid

Balance of Trade: <https://www.youtube.com/watch?v=CYIVyIDSWFg>

Teacher’s explanation:

Read the text book pages thoroughly and brainstorm yourselves, what are different modes of Transport?

Identify which mode is used for small scale and large scale trade and make a mind map/flowchart of it

Watch the video of what is Balance of Trade. Write two words” Imports” and Exports and list in the mind map what do Pakistan export and import and Why ? Relate with types of Industries and which type of Industry’s efficacy is less and contributes in importing more goods.

Answer to the given questions in notebook:

- 2a. State the meanin of the term balance of trade. /2m
- b. Describe various modes of transportation essentials for efficient trade. /5m

Subject: History

Topic: The Legacy of Mughal Empire

Week: 4th-6th March

Day 1

Page # 66 and 67

Resources: textbook, study plan, voice clips, mind maps

Objectives:

- Describe the functions of the Mughal Empire which brought about stability in terms of economic and social development and military prowess.

Written work: (20mins)

Section A:

Written source:

Use the fourth paragraph on pg# 67, answer the following questions. (5marks) (10mins)

- Q1a. What did the Mughals contribute to the muslim civilization? (1marks)
- b. Which Mughal emperors have left behind their auto-biographies? (2marks)
- c. how can we study about the court styles during the Mughal era?(2marks)

Section B

Q1. How strong economic and social aspects of the Mughals helped the people of the empire? (6marks) (10mins)

Day 2

Page # 68 and 69

Resources: textbook, study plan, voice clips, mind maps

Objectives:

- Elucidate the importance of education under Mughal rule

Written work: (20mins)

Section A

Picture source

Use figure 10.4 and answer the following questions.

- Q1a. Who is shown in the picture? (1mark) (1min)
- b. Name prominent Mughal empresses/women? (1mark) (1min)
- c. Discuss the state of women's education during Mughal era? (3marks) (3-5mins)

Section B

Q1. Discuss the efforts of Mughals for the promotion of education in their reign. (6marks) (10mins)

Week: 9th-13th March

Day 1

Page # 70

Resources: textbook, study plan, voice clips, mind maps

Objectives:

- Explain the flowering of art, culture religion during Mughal rule which led to strengthening of society as whole.

Written work: (15mins)

Section B

Q1a. Discuss the efforts of Mughals for the welfare of their people. (4marks) (5mins)

b. 'Mughals were Muslim rulers who ruled a Hindu-majority population.' Keeping this statement in mind evaluate the religious policies of Mughals. (6marks) (10mins)

Day2

Page # 71 and 72

Resources: textbook, study plan, voice clips, mind maps

Objectives:

- Describe the patronage of different Mughal rulers towards art and architecture.

Written work: (15mins)

Section B

Q1a. Which Mughal emperor has made greatest contribution in Mughal architectural legacy? Justify your answer with valid reasons. (4marks) (5mins)

b. Analyze the architectural legacy of Mughal empire. (6marks) (10mins)

Day3

Page # 70

Resources: textbook, study plan, voice clips, mind maps

Objectives:

- Explicate the reasons which reflect religion having personal impact on each ruler.

Written work: (15mins)

SectionB

Q1a. Each mughal ruler had his own religious views. Who, in your opinion, was the most successful in implementing his views on people? Give reasons for your answer. (4marks) (5mins)

b. Religious freedom and tolerance were the key factors that made Mughals successful rulers. Justify the statement. (6marks) (10mins)

Important note

These questions are to be done in the learning journals. It is **mandatory** for all students to have this work in their journals once they rejoin school.

جماعت ہفتم اردو مضمون :-

پہلا دن :-

سبق "خواب کیا ہیں" کا مطالعہ کیجیے۔ (۳۰ منٹ)

کہانی میں سے دس نئے الفاظ تلاش کیجیے اور ان کا جملوں میں استعمال کیجیے۔ (۳۰ منٹ)

دوسرا دن

سبق "خواب کیا ہیں" کا مطالعہ کیجیے۔ (۳۰ منٹ)

سبق کے مشقی سوالات صفحہ نمبر ۷ پر دیے گئے ہیں ان کے جوابات تحریر کیجیے۔ (۴۰ منٹ)

تیسرا دن

خلاصہ اور مرکزی خیال تحریر کیجیے (مددگار الفاظ کے جال کی مدد سے)

تسکین

تعبیر

تعمیل

مرکزی خیال

مستقبل

روحانی ضروریات

ضروریات

مادی زندگی

خلاصہ

- ۱۔ علامتی
 - ۲۔ خوف
 - ۳۔ مبتلہ
 - ۴۔ تعبیر
 - ۵۔ تعبیر الرویا
 - ۶۔ حضرت یعقوب علیہ السلام
 - ۷۔ تخیل
 - ۸۔ نصب العین
 - ۹۔ مادی
 - ۱۰۔ روحانی
 - ۱۱۔ خواہشات
 - ۱۲۔ ماہرین کی آراء
 - ۱۳۔ مراحل، تکمیل، جواز
 - ۱۴۔ قدیم
 - ۱۵۔ متاثر
- چوتھا دن
آدھا گھنٹہ :- تلخیص نویسی

دی سٹی اسکول یونیورسٹی روڈ کیمپس مطالعاتی منصوبہ بندی

جماعت: ہفتم مضمون: اسلامیات

پہلا ہفتہ

سبق کا نام: ماحول کی آلودگی اور اسلامی تعلیمات صفحہ نمبر ۷۷ سے ۷۹ (بلند خوانی)

- پہلا دن: ۱۔ آلودگی کے معانی اور مفہوم تحریر کریں اور اس سے متعلق دو قرآنی آیات کا ترجمہ لکھیں۔ (وقت ۵ منٹ)
- ۲۔ فضائی آلودگی تفصیل سے بیان کریں جس میں حضورؐ کی احادیث کا ترجمہ بھی شامل ہو۔ (وقت ۲۰ سے ۲۵ منٹ)
- دوسرا دن: صوتی آلودگی کے بارے میں تفصیل سے لکھیں جس میں قرآن و حدیث کا ترجمہ شامل ہو۔ (۲۰ سے ۲۵ منٹ)
- تیسرا دن: ۱۔ اسلام کے مطابق ماحول کو آلودہ کرنا کیوں ناپسند کیا گیا ہے؟ (۵ منٹ)
- ۲۔ آپ اپنی زندگی میں آلودگی سے بچاؤ کی کیا تدابیر اختیار کر سکتے ہیں؟ اپنے دلائل میں کم از کم ۵ نکات تحریر کریں۔ (۲۰ منٹ)

دوسرا ہفتہ:

سبق کا نام: حقوق العباد صفحہ نمبر ۸۲ سے ۸۳ (بلند خوانی)

- پہلا دن: ۱۔ حقوق العباد کے معانی و مفہوم تحریر کریں۔ (وقت ۵ منٹ)
- ۲۔ کسی بھی معاشرے کی فلاح اور ترقی کے لئے حقوق العباد پر کیوں زور دیا گیا ہے؟ (۱۰ منٹ)
- دوسرا دن: ۱۔ مریضوں کے حقوق کے بارے میں تفصیل سے لکھیں۔ (۲۰ منٹ)
- ۲۔ رشتہ داروں کے حقوق کے بارے میں قرآن کی آیات کا ترجمہ لکھیں۔ (۵ منٹ)
- تیسرا دن: ۱۔ مہمانوں کے حقوق کے بارے میں لکھیں نکات کی صورت میں۔ (۱۵ منٹ)
- ۲۔ آپ اپنے گھر میں مہمانوں کو کس طرح خوش آمدید کہتے ہیں؟ اپنے جواب کو ۵ سے ۶ نکات میں تحریر کریں۔ (۱۰ منٹ)