

Summer Vacations Homework

20 Jul to 30 Aug 2020

Class: 7th

Cantt Public Education System

A NEW FRONTIER IN LEARNING

Dear Students,

We hope that you and your families are keeping well during ongoing health crises. It is more and more likely that schools may not open till July 2020. Therefore, we are pleased to share our plans for online instructions and homework activities.

With effect from 1st June 20, we have started a robust, interactive teaching programme. The curriculum is being taught through various online platforms, video lectures and live interaction with teachers as well as carefully designed homework, which all students will complete at their own time. We shall continue pursuing following time table:-

Group	Days	Timings	Subjects	Remarks
I	Monday – Day 1	09.00-09.40	Physics	Principal shall ensure availability of subject teachers to students for coaching/clarification doubts etc.
	Tuesday – Day 2	10.00-10.40	English	
	Wednesday – Day 3	11.00-11.40	Urdu	
		12.00-12.40	Chemistry	
II	Thursday – Day 4	09.00-09.40	Computer/Biology	
	Friday – Day 5	10.00-10.40	Mathematics	
		11.00-11.40	Islamiyat/ Nazra	
	Saturday – Day 6	12.00-12.40	Pak studies/GK	

Beloved scholars, home work for following subjects has been included in this booklet:-

Ser. #	Subject	Pages	
		From	To
1	English	3	13
2	Mathematics	14	21
3	Chemistry	22	36
4	Biology	36	50
5	Computer	50	56
6	Physics	57	66
7	Pakistan Studies/G.K	67	73
8	Islamiyat	73	81
9	Urdu	82	89

Our main objective is to keep you in touch with your studies rather than to put you under unjustified burden. Therefore, a pragmatic program has been planned for your educational progression. Stay home, stay safe and stay connected with your studies.

Regards

Maths

Week 1: Day 1

Constant:

A symbol having a fixed numerical value is called a constant. For example, 2, 7, 11, etc.

Variable:

A symbol represented by a literal and can take various numerical values is called a variable, i.e. in $x + 1$, x is a variable and 1 is a constant.

Algebraic Expressions:

A combination of constants and variables connected by the signs of fundamental operations (+, ÷, -, ×) is called an algebraic expression, i.e. 8 , $4x + y$, $x^2 + y^2$

Q.1 Add the terms to write an algebraic expression.

(i) $2ab, 3bc, ca$ (ii) $7r^2, 3m^2, -8$ (iii) $p^2, -q^2, -r^2$

(iv) $5xyz, 2yz, -8xy$ (v) $-2ab, a, -bc, c$

Q.2 Write constant and variable used in each algebraic expression.

(i) $x + 3$ (ii) $3a + b$ (iii) $5a$ (iv) $2x^2$
 - 1 (v) $3r^2 - 4n^2$

<https://sabag.pk/video-page.php?sid=punjab-math-7th-8.1&v=m-6-8-algebra-exten7-prob1>

Week 1: Day 2

Monomial: A polynomial having one term is called a monomial, i.e. $5, 3x, 2ab$, etc. are monomials.

Binomial: A polynomial having two terms is called a binomial, i.e. $6x + a, a - 3b$, etc. are binomials.

Trinomial: A polynomial having three terms is called a trinomial, i.e. $x^2 + 3x + 5, 2a + 3b + c$, etc. are trinomials.

Q1. Identify monomials, binomials and trinomials.

(i) $x + y - z$ (ii) $2x^2 - 3$ (iii) $x^2 + 2xy + y^2$ (iv) $(-a)^3$ (v) $l - m$ (vi) $7a^2 - b^2$

(vii) $lm + mn + nl$ (viii) $2a - 3b - 4c$ (ix) $11x^2y^2$ (x) $a^3 + a^2b + ab^2$

<https://youtu.be/TQXZUDwr4zA>

Week 1: Day 3

Addition and Subtraction of Polynomials

Q1. Add the following polynomials.

(i). $x^2 + 2xy + y^2, x^2 - 2xy + y^2$

(ii). $x^3 + 3x^2y - 2xy^2 + y^3, 2x^3 - 5x^2y - 3xy^2 - 2y^3$

(iii). $a^5 + a^3b - 2ab^3 + b^3, 4a^5 + 3a^3b + 2ab^3 + 5b^3$

(iv). $2x^4y - 4x^3y^2 + 3x^2y^3 - 7xy^4, x^4y - 4x^3y^2 - 3x^2y^3 + 8xy^4$

Q2. If $A = x - 2y + z$, $B = -2x + y + z$ and $C = x + y - 2z$ then find.

(i) $A - B$ (ii) $B - C$ (iii) $C - A$ (iv) $A - B - C$ (v) $A + B - C$ (vi) $A - B + C$

<https://youtu.be/ZGI2ExHwdak>

Week 2: Day 1**Multiplication of Polynomials**

While multiplying two polynomials in addition to the commutative, associative and distributive laws, we also use the laws of exponents that can be seen in the given example.

Example: Simplify $4a^2$ and $5a^3$

$$4a^2 \times 5a^3 = (4 \times 5)(a^2 \times a^3)$$

$$= (20)(a)^{(2+3)} \quad \text{a product law}$$

$$= 20a^5$$

$$a^m \times a^n = a^{m+n}$$

$$-6a^2(2a + 3b) = (-6a^2 \times 2a) + (-6a^2 \times 3b)$$

$$= (-6 \times 2)(a^2 \times a) + (-6 \times 3)(a^2 \times b)$$

$$= (-12)(a^{2+1}) + (-18)(a^2b)$$

$$= -12a^3 - 18a^2b$$

Q1. Multiply

(i) $7m$ and -8 (ii) ab and $3a^2b^2$ (iii) $4xy$ and $2x^2y$

(iv) $-4ab$ and $-2bc$ (v) $3lm^3$ and $3mn$ (vi) $-6x^2y$ and $3xyz^2$ (vii) $2a^2b$ and $5a^2b^3$

Q2. Multiply

(i) $lm(l + m)$

(ii) $2p(p + q)$

(iii) $3a(a \square b)$

(iv) $2x(3x + 4y)$

(v) $2a(2b - 2c)$

(vi) $2lm(l^2m^2 - n)$

(vii) $a(a + b - c)$

(viii) $3x(x - 2y - 2z)$

<https://youtu.be/D-wvIAehW0w>

Week 2: Day 2**Example: $(5a^2 - 6a + 9)(2a - 3) - (2a^2 - 5a + 4)(5a + 1)$**

$$= (10a^3 - 27a^2 + 36a - 27) - (10a^3 - 23a^2 + 15a + 4)$$

$$= 10a^3 - 27a^2 + 36a - 27 - 10a^3 + 23a^2 - 15a - 4$$

$$= (10a^3 - 10a^3) + (-27a^2 + 23a^2) + (36a - 15a) + (-27 - 4)$$

$$= -4a^2 + 21a - 31$$

Q1. Multiply

i. $(3a + 4)(2a - 1)$ ii. $(m + 2)(m - 2)$ iii. $(x - 1)(x^2 + x + 1)$ iv. $(p - q)(p^2 + pq + q^2)$ v. $(x + y)(x^2 - xy + y^2)$ vi. $(a + b)(a - b)$ vii. $(l - m)(l^2 - 2lm + m^2)$ viii. $(1 - 2c)(1 + 2c)$ ix. $(2x - 1)(4x^2 + 2x + 1)$ x. $(a + b)(a^2 - ab + b^2)$

<https://youtu.be/fGThIRpWEE4>

Week 2: Day 3

Simplify the binomials by using the identity.

(i) $(x + 6)(x + 5)$

By using the identity,

$$(x + a)(x + b) = x^2 + (a + b)x + ab$$

$$(x + 6)(x + 5) = x^2 + (6 + 5)x + (6 \times 5)$$

$$= x^2 + 11x + 30$$

Q1. Simplify the following binomials by using the identity.

(i). $(x + 1)(x + 2)$

(ii). $(x - 2)(x - 4)$

(iii). $(a + 5)(a + 3)$

(iv). $(b + 6)(b - 9)$

(v). $(2x + 3)(2x - 7)$

(vi). $(2y + 1)(2y + 5)$

(vii). $(3b - 1)(3b - 7)$

(viii). $(4x + 5)(4x + 3)$

(ix). $(5y - 2)(5y + 6)$

(x). $(8a + 7)(8a - 3)$

Week 3: Day 1

Find the square by using the identity.

Example: $(4a + 3b)$

By using the identity,

$$(a + b)^2 = a^2 + 2ab + b^2$$

$$(4a + 3b)^2 = (4a)^2 + 2 \times (4a) \times (3b) + (3b)^2$$

$$= 16a^2 + 24ab + 9b^2$$

Q1. By using the identity, find the square of the following binomials.

(i) $x + y$

(ii) $3a + 4$

(iii) $x + y$

(iv) $a + 2b$

(v) $2x + 3y$

(vi) $2a + b$

(vii) $3x + 2y$

(viii) $4x + 5y$

(ix) $7a + 8b$

<https://youtu.be/hoOcayw3HA0>

Week 3: Day 2

Find the product of binomials by using identity.

Example (i) $(3x - 4y)(3x + 4y)$ (ii) $(7a - 9b)(7a + 9b)$

Solution:

(i) $(3x - 4y)(3x + 4y)$

By using the identity,

$$(a + b)(a - b) = a^2 - b^2$$

$$(3x + 4y)(3x - 4y) = (3x)^2 - (4y)^2$$

$$= 9x^2 - 16y^2$$

(ii) $(7a - 9b)(7a + 9b)$

By using the identity,

$$(a + b)(a - b) = a^2 - b^2$$

$$(7a + 9b)(7a - 9b) = (7a)^2 - (9b)^2 = 49a^2 - 81b^2$$

Q. Find the product of the following binomials by using identity.

(i). $(x + y)(x - y)$ (ii). $(3a - 8)(3a + 8)$ (iii). $(2a + 7b)(2a - 7b)$

(iv). $(x + 3y)(x - 3y)$ (v). $(6a - 5b)(6a + 5b)$ (vi). $(9x - 11y)(9x + 11y)$

<https://youtu.be/UxHd78EG90Y>

Week 3: Day 3

Resolve the expressions into factors.

(i) $3a + 6b + 9c$ (ii) $a(x - y) - b(x - y)$

$$3a + 6b + 9c \text{ (taking 3 as common)}$$

$$= 3(a + 2b + 3c)$$

(i) $a(x - y) - b(x - y)$ (taking $x - y$ as common)
 $= (x - y)(a - b)$

Q1. Resolve into factors.

(i) $5x^2y - 10xy^2$ (ii) $2a - 4b + 6c$ (iii) $9x^4 + 6y^2 + 3$
 (iv) $a^3b + a^2b^2 + ab^3$ (v) $x^2yz + xy^2z + xyz^2$ (vi) $bx^3 + bx^2 - x - 1$
 (vii) $x^2 + qx + px + pq$ (viii) $ab - a - b + 1$ (ix) $(pm + n) + (pn + m)$
 (x) $(a^2 + bc) - (b + c)a$ (xi) $x^2 - (m + n)x + mn$ (xii) $x^3 - y^2 + x - x^2y^2$
<https://youtu.be/ctqviXu-mTE>

Week 4: Day 1

Factorization of $a^2 - b^2$ type expression

If we have the difference of two squared terms, then we can factorize them as one factor is the sum of two terms and the other factor is the difference of two terms.

Q. Factorize by using identity.

(i) $4a^2 - 25$ (ii) $4x^2 - 9y^2$ (iii) $9a^2 - b^2$ (iv) $9m^2 - 16n^2$ (v) $16b^2 - a^2$ (vi) $-1 + (x+1)^2$ (vii) $8x^2 - 18y^2$
 (viii) $(a+b)^2 - c^2$ (ix) $x^2 - (y+z)^2$ (x) $7x^2 - 7y^2$ (xi) $5a^2 - 20b^2$ (xii) $x^4 - y^4$

<https://youtu.be/UxHd78EG90Y>

Week 4: Day 2

Factorization of $a^2 \pm 2ab + b^2$ type expressions

We know that the square of a binomial can be expanded as the square of 1st term plus the square of 2nd term plus the twice of the product of the two terms, i.e.

- $(a + b)^2 = a^2 + 2ab + b^2$
- $(a - b)^2 = a^2 - 2ab + b^2$

Example: Resolve into factors.

(i) $8x^2 - 56x + 98$

Solution:

(i) $8x^2 - 56x + 98 = 2[4x^2 - 28x + 49]$

It can be written as:

$$= 2[(2x)^2 - 2(2x)(7) + (7)^2] \qquad 28x = 2(2x)(7)$$

$$= 2(2x - 7)^2$$

[Using the identity, $a^2 - 2ab + b^2 = (a - b)^2$] Thus, the required factors are 2 and $(2x - 7)^2$.

Q. Resolve into factors by using identity.

(i). $x^2 + 8x + 16$	(ii). $x^2 - 2x + 1$
(iii). $a^4 - 14a^2 + 49$	(iv). $1 + 10m + 25m^2$
(v). $4x^2 - 12xy + 9y^2$	(vi). $9a^2 + 30ab + 25b^2$
(vii). $16a^2 + 56ab + 49b^2$	(viii). $36x^2 + 108xy + 81y^2$
(ix). $49m^2 + 154m + 121$	(x). $64a^2 - 208ab + 169b^2$
(xi). $3x^4 + 24x^2 + 48$	(xii). $11x^2 + 22x + 11$
(xiii). $44a^4 - 44a^3b + 11a^2b^2$	(xiv). $a^4 + 16a^2b + 64b^2$
(xv). $1 - 4xyz + 4x^2y^2z^2$	(xvi). $16x^3y - 40x^2y^2 + 25xy^3$

<https://youtu.be/7d8pqX7Y6q0>

Week 4: Day 3**Factorization by making groups**

Look at the following algebraic expressions.

- $x^2 + ax + 4x + 4a$
- $al + bm + bl + am$
- $pq - 2p - q + 2$

We can observe from the above given expressions that there are no common factors in them and these expressions are also not any of the three types discussed in other sections. For factoring such types of expressions, we rearrange them and make their groups as given in the example.

Example: Factorize $5a + xa + 5x + x^2$

Solution: $5a + xa + 5x + x^2$

Step 1: Rearrange the expression $x^2 + 5x + xa + 5a$

Step 2: Make the groups $(x^2 + 5x) + (xa + 5a)$

Step 3: Factor out the common factors $x(x + 5) + a(x + 5)$

Step 4: Factor out the common expression. $(x + 5)(x + a)$ Thus, the required factorization is $(x + 5)(x + a)$

Q. Factorize the following expressions.

- (i) $x - my + mx - ly$ (ii) $2xy - 6yz + x - 3z$ (iii) $p^2 + 2p - 3p - 6$
 (iv) $x^2 + 5x - 2x - 10$ (v) $m^2 - 7m + 2m - 14$ (vi) $a^2 + 3a - 4a + 12$
 (vii) $x^2 - 9x + 3x - 27$ (viii) $z^2 - 8z - 4z + 32$ (ix) $t^2 - st + t - s$
 (x) $n^2 + 5n - n - 5$ (xi) $a^2b^2 + 7ab - ab - 7$ (xii) $l^2m^2 - 13lm - 2lm + 26$
<https://youtu.be/HnWkfSbAg9A>

Week 5: Day 1**Q1. Answer the following questions.**

- a. What is meant by literals?
- b. Define a constant.
- c. What is a binomial?
- d. What is an algebraic identity?
- e. Define the factorization of an algebraic expression.

Q2. Fill in the blanks.

- a. $(a + b)^2 =$ _____.
- b. $(a - b)^2 =$ _____.
- c. $(x + a)(x + b) =$ _____.
- d. $a^2 - b^2 =$ _____.
- e. A symbol represented by a literal and can take various numerical values is _____.
- f. A polynomial having only one term is called _____.

Week 5: Day 2**Topic: Practical Geometry**

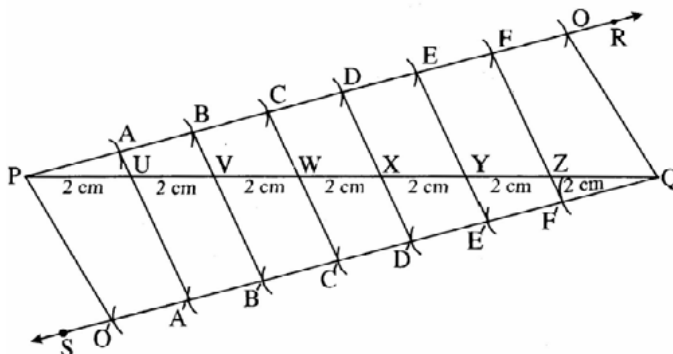
1. Which line segments are called congruent line segments?
2. Write the sum of interior angles of a triangle.
3. Define an equilateral triangle.
4. Name the equal sides of an isosceles triangle.
5. What is meant by the vertex angle in an isosceles triangle?

Week 5: Day 3**Divide a line segment into number of equal segments.**

Example: Divide a line segment of length 14cm in 7 equal line segments.

Steps of construction:

1. Draw a 14cm long line segment PQ. (Use a ruler)
2. Draw a ray PR making an acute angle with a line segment PQ. (Use a ruler)
3. Draw another ray QS making the same acute angle with PQ
4. Draw 7 arcs (according to the required parts of a line segment) of suitable radius, intersecting the ray PR at points A, B, C, D, E, F and O respectively. (Start from A and for each arc consider the previous point as the starting point).
5. Similarly, draw 7 arcs of same radius, intersecting the ray QS at points F', E', D', C', B', A' and O' respectively.
6. Draw line segments PO', AA', CC', DD', EE', FF' and OQ. These line segments intersect the line segment PQ at points U, V, W, X, Y and Z respectively.



Hence

PU, UV, VW, WX, XY, YZ congruent parts of line segment PQ and ZQ are required.

Solve the following.

- Q1.** Divide a line segment of length 6cm into 3 congruent parts.
Q2. Divide a line segment of length 7.5 cm into 5 congruent parts.
<https://youtu.be/P5vDJEBX4ok>

Week 6: Day 1

- Q1.** Draw a line segment of length 10.8cm and divide it into 6 congruent parts.
Q2. Divide a line segment of length 10cm into 5 congruent parts.
Q3. Draw a line segment of length 9.8cm and divide it into 7 congruent parts.
<https://youtu.be/FTqJc6zNZug>

Week 6: Day 2

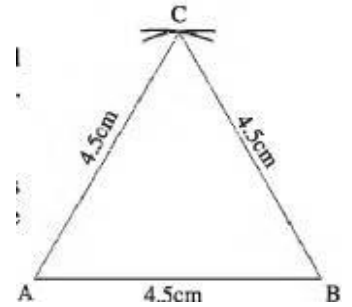
Example: Construct an equilateral triangle $\triangle ABC$ whose base is 4.5cm long.

Solution:

Steps of construction:

- (i) Draw a line segment of length 4.5cm using a ruler. Label its end points A and B.
- (ii) Place the needle of the compasses at point A and open it so that the tip of the pencil touches the point B.
- (iii) Draw an arc of radius AB with centre A.

- (iv) Draw another arc of radius AB with centre B . This arc will intersect the first arc at one point. Name the meeting point of two arcs as C .
- (v) Finally join the point C with the point A and with the point B .
- (vi) The triangle $\triangle ABC$ is the required equilateral triangle.



Q. Construct the equilateral triangles of given measures.

- (i) base = 4 cm (ii) altitude = 6 cm (iii) altitude = 5.5 cm (iv) base = 3.5 cm
https://youtu.be/SmYozxPk_14

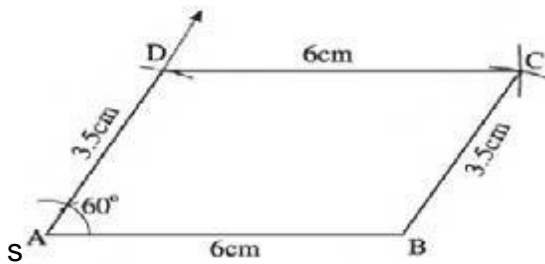
Week 6: Day 3

Example: Construct a parallelogram $ABCD$ if,

$$m AB = 6 \text{ cm} \quad m AD = 3.5 \text{ cm} \quad m \angle A = 60^\circ$$

Steps of construction:

- (i) Draw AB 6 cm long.
- (ii) Construct an angle of 60° at point A i.e. $m \angle A = 60^\circ$.
- (iii) Draw an arc of radius 3.5 cm.
- (iv) Now take the point B as center and draw another arc of radius 3.5 cm.
- (v) Now again consider the point D as center and draw an arc of radius 6 cm. This arc will intersect the previous arc on the point C .
- (vi) Join the point C and point D and also join the point C and point B .



Result: $ABCD$ is the required parallelogram.

Q1. Construct the parallelogram $ABCD$ where

$$m AB = 7 \text{ cm}, m BC = 4 \text{ cm}, m \angle ABC = 60^\circ$$

Q2. Construct the parallelogram $PQRS$ where

$$m PQ = 8 \text{ cm}, m QR = 4 \text{ cm}, m \angle QR = 75^\circ$$

https://youtu.be/v3lqTJ2w-_k

SOCIAL STUDIES

WEEK 1

DAY-1

- ❖ Write the titles of these Mughal emperors and also write their meanings.

Name	Title	Meanings
Jalal-u-din		
Saleem		
Khurram		
Mohyuddin		
Bhadur Shah Zafar		

- ❖ Elaborate the major events and campaigns during the reign of Mughal emperor Akbar. (You can take help from the book page #37-43)

Link: <https://www.britannica.com/list/6-important-mughal-emperors>

DAY-2

- ❖ Make a timeline of Mughal emperors from Babar to Aurangzeb.
 ❖ Which emperor had the longest rule and the shortest rule?
 ❖ Describe any two aspects of Babar's life?

Link: https://en.wikipedia.org/wiki/Mughal_emperors

DAY-3

- ❖ What was the most important feature of Shahjahan's rule?
- 1) _____ Founded the Mughal empire on the sub-continent:
 a) Ghuri c) Babur
 b) Shershah Suri
- 2) Hamuyan finally found asylum in:
 a) Persia c) India
 b) Afghanistan
- 3) Peacock throne was completed in _____ years:
 a) 4 c) 7
 b) 17
- 4) Akbar was _____ years old when he became king:
 a) 13 c) 14
 b) 12
- 5) Mehrunissa was _____ years old widow:
 a) 34 c) 18
 b) 24

WEEK-2**DAY 1**

- ❖ Write the name of foster mother and the guardian of Akbar? Also discuss their role in his life.
- ❖ Write the name of nauratans(nine gems)? Also mention their duties.

Names	Duties
1)	
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	

DAY-2

- ❖ Describe few contribution of Jahangir to Mughal India?
- ❖ What do you know about Din-e-Elahi of Akbar?
- ❖ What is your opinion of Aurangzaib as a ruler?
- ❖ Write the names of some building commissioned by Shah Jahan?

Link:https://en.wikipedia.org/wiki/Mughal_emperors

DAY-3

Give one word answer.

1. Zaheeruddin Mohammad was a descendant of _____
2. Akbar is introduced a new system of belief _____
3. Prince _____ became emperor under the title of Nuruddin Jahangir.
4. Humayan was interested in _____
5. Babar is buried in _____

- ❖ Write a short note on Nur Jahan the first empress in our history.

WEEK 3**DAY-1**

State whether each of the following statement is true or false.

1. Muhammad Bin Qasim invades Sindh in 1186 CE.
 2. Qutabb uddin Aibak laid the foundation of permanent Muslim rule in sub- continent.
 3. All people of 60 years and above are considered senior citizen.
 4. Our culture place great emphasis on helping the elderly.
 5. Babar is buried in a tomb in India.
 6. Humayun's main interest was astrology.
 7. Bairam Khan was a guardian of Salim.
 8. Aurangzaib is noted for strict administration.
 9. During Jahangir's rule British traders first entered the sub-continent.
 10. Nur Jahan was unaware of state matters.
- ❖ Write the causes of downfall of mughal empire.

DAY-2

- ❖ Who was the Qutubuddin Aibak? What role did he play in Ghoris success?
 ❖ Why did Humayun flee to Sindh?

Link: <https://www.mapsofindia.com/who-is-who/history/qutubuddin-aibak.html>

Match the following column

Column A	Column B
Nuruddin Jahangir	Taj Mahal
Nur Jahan	Badshahi Mosque
Shahjahan	Chain of justice
Aurangzaib	Only Mughal empress

DAY-3

- ❖ Answer the following questions by taking the help of video link given below:
 ❖ Why it's important to respect your parents?
 ❖ How grateful you are having your parents?
 ❖ Why they always taught you the right path?
 How they support you in your good and bad times?
 ❖ How your parents raised your brought up?

Link: <https://youtu.be/wHMUXiACVdY>

WEEK 4**DAY-1**

- ❖ Define waves, tides and current.
- ❖ Explain neap and spring tides with the help of diagram.
(You can take help from the book page#52-57)

❖ **Fill in the blanks.**

1. A ____ is an inland sea.
2. Oceans cover nearly the __quarters the earth surface.
3. Under water hills are called _____.
4. Tides are used to generate _____
5. Pakistan lies on the coast of ____ sea.

DAY-2❖ **Choose the right answers.**

- 1) Tides form because of :
 - a) Wind Blowing
 - b) Gravity
 - c) Flow of Water
- 2) Ocean water moves in _____ forms:
 - a) 2
 - b) 3
 - c) 4
- 3) At the time of new and full moon sun and moon are positioned in a:
 - a) Straight Line
 - b) Right Angles
 - c) Opposite Direction
- 4) A _____ is a C shape land form the sea.
 - a) Cape
 - b) Bay
 - c) Peninsula

- ❖ May-September is the monsoon season in Pakistan. Karachi beaches are busy picnic spot during these months. However, Strong currents, high tides and choppy waves make the beaches dangerous for swimming. Design a poster warning people about the risk of swimming in the open sea. Make them aware of danger of the high tides, choppy waves and strong current.

DAY-3

- ❖ Explain lunar and solar eclipse with the help of their diagrams
- ❖ How eclipses effect the movement of sea.
- ❖ How one should watch solar and lunar eclipse. What precautions we need to follow to watch them.

Link: <https://www.cnet.com/how-to/how-to-watch-a-solar-or-lunar-eclipse-everything-you-need-to-know/>

WEEK 5

DAY-1

- ❖ What is industry? Mention its types.
- ❖ Define cottage industry.
- ❖ You have Rs.50,000/ and some space in your home you want to start a small cottage industry. What are some of the things you can make and sell, make a list with plans how to sell them.

DAY-2

- ❖ Write some important industries of Pakistan.
- ❖ Match the following columns.

Column A	Column B
Agriculture	export
Cement	imports
Doctors	Tertiary industry
Carpets	Primary industry
Machine	Secondary industry

DAY-3

- ❖ List the sources of water in your city or country and make a table of it. Label the sources of water and write down the names of particular river or reservoir.
- ❖ Draw a map of Pakistan and label the major rivers in it using different colors.
- ❖ Write a detail note on types of pollution and give solutions to each type of pollution.

WEEK 6**DAY-1**

- ❖ Who are senior citizen?
- ❖ Describe how to interact with senior citizen.
- ❖ Write two quotation each from the Quran, Hadith and three other faiths or cultures about respecting elders.

DAY-2

- ❖ Why do senior citizens become irritable?
- ❖ How can we benefit from the presence of senior citizen in our house?
- ❖ What can be done to help the elderly during the coronavirus disease pandemic?

DAY-3

- ❖ What is law and authority?
- ❖ How should you respect law and authority?

Link: <https://www.agingresearch.org/common-questions-and-answers-about-covid-19-for-older-adults-and-people-with-chronic-health-conditions/>

Science

Plz note:

- MCQs, fill in the blanks, Names should be solved/written/filled on your book.
- Short Q/A and Long Q/A should be written on your notebook.
- Activities should be performed/write on loose sheets.
- Learn the spellings of dictation words.

Week-1

Day-1

Choose correct option.

1. The smallest unit of any chemical element is called _____
a. Atom b. Molecule c. element d. compound
2. Reaction in which heat is absorbed is called _____ reaction.
a. Exothermic b. Endothermic c. Precipitation d. Combination
3. Covering iron surface with zinc is called _____.
a. Galvanisation b. Crystallisation c. Precipitation d. Carbonation
4. The chemical symbol of carbon is _____.
a. Ca b. Co c. C d. Cr
5. The purest solid form of a substance with a definite geometrical shape is called _____.
a. Boiling point b. Crystal c. Galvanisation d. Atom

Name the following

1. Any material with a specific chemical composition.
2. The smallest unit of any chemical element.
3. Reaction in which heat is absorbed.
4. The smallest unit of a chemical compound.
5. The process of forming crystal of a solid substance from its solution.

Mini exercise **chemical and chemical changes**

<https://youtu.be/mpVjbL6RBqo>

Mini Exercise

Write the symbols of the following elements.

Sr no.	Elements	Symbols
1	Argon	
2	Boron	
3	Bromine	
4	Chlorine	
5	Copper	

Day-2

Answer the following short questions

Q.1 What do you mean by chemical substance? Name its two types.

Q.2 How do you write the chemical formula of a compound?

Q.3 What are the favourable condition for rusting?

Q.4 Differentiate between combination reaction and decomposition reaction.

Q. 5 Differentiate between endothermic and exothermic reaction.

Day-3

Q. 6 Give an example of decomposition reaction.

Q.7 Give an example of displacement reaction.

Q.8 What is Barrier protection?

Q.9 How the crystals of copper sulphate can be obtained?

Q.10 How do you prepare hydrochloric acid?

Week – 2

Day-1

LONG QUESTIONS

Q.1 With suitable example differentiate between exothermic and endothermic reaction.

Q.2 State the characteristics of chemical reactions.

Mini Exercise

Write chemical formula of the given compounds.

Sr. No.	Compound	Chemical formula
1	Carbon dioxide	
2	Sugar	
3	Table salt	
4	Vinegar	

Day-2

Q.3 Explain the process of crystallization.

Q.4 Briefly state the process of crystallization.

Q.5 Differentiate between elements and compounds with suitable examples.

Day-3

Choose correct option.

1. The hump of camel is the reservoir of _____.
a. Fatty tissue b. water c. milk d. All of these
2. Which of the following is the adapted feature of polar bears to live in extremely cold climate? _____
a. White fur, fat below the skin, keen sense of smell
b. Thin skin, large eyes and white fur
c. A long tail, strong claws, white large paws
d. White body paws for swimming, gills for respiration
3. The water holding capacity is the highest in _____.
a. Sandy soil b. Clayey soil c. Loamy soil d. Mixture of sand and loam
4. Which of the following best describes a tropical region. _____
a. Hot and humid c. Moderate temperature, heavy rainfall
b. Cold and humid d. Hot and dry
5. The ideal soil for cultivation is _____.
a. Sandy b. loamy c. clayey d. humus

Name the following.

1. The side of mountain facing away from wind or rain.
2. The side of mountain facing towards wind or rain.
3. A weather condition considered over a long period of time.
4. The distance of a place north and south of the equator.
5. The layer beneath the B horizon and the R horizon.

Week-3

Day-1

Answer the questions in sentences.

1. Define soil.

2. What is water absorption tendency?

3. What do you mean by climate?

4. What is rain guage?

5. Define weather.

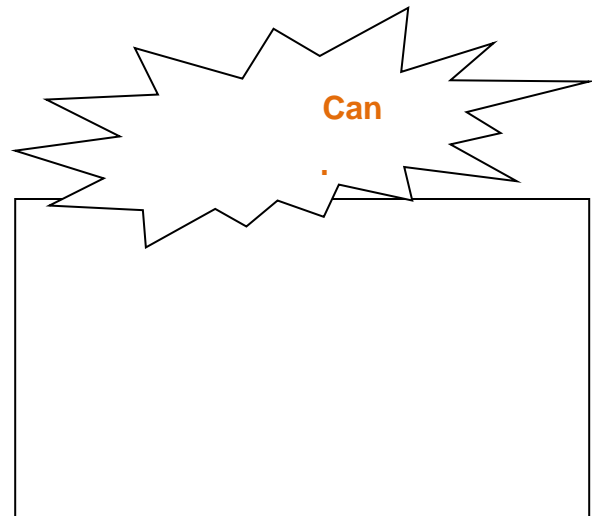
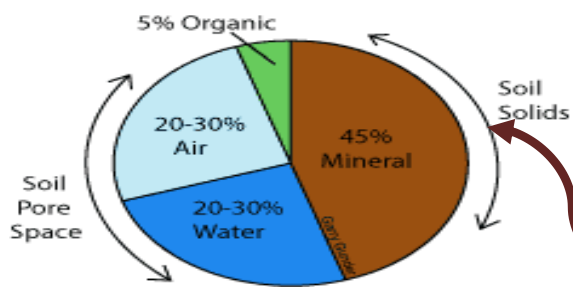
Day-2

6. Where do you find the following organisms?

a. Penguins b. Polar bear c. Camel d. Snake e. Lizard

Mini exercise

Soil Composition by Volume



7. List the factors on which the climate of a place depends.

8. What do you mean by humus?

9. How is soil formed?

10. The tropical rain forest have a large population of animals. Why is it so?

Day-3**Answer the following short questions.**

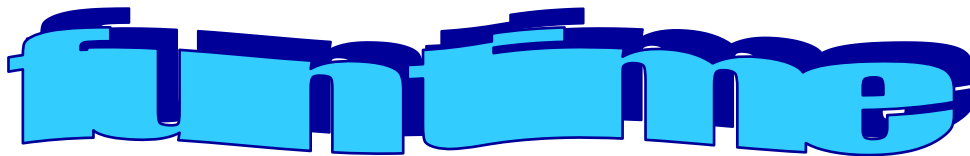
1. Write the importance of humus.

2. How is clayey soil useful for crops?

3. What is the importance of soil organisms?

4. The tropical rain forest have a large population of animals. Explain why is it so?

5. Explain with examples why we find animals of certain kind living in particular climate conditions?

**Draw four different weathers here.**

Week-4

Day-1

1. How is camel adapted to live in dessert?

2. How cold place animals protected themselves from cold?

3. How fishes are adapted to live in water?

4. Write the factor which the climate of a region depend.

5. Label the cross section of soil and label the various layers.

Day-2

Long questions

1. Mention the adaptive features of animals in particular climatic conditions.

- a. Polar region
- b. Tropical rain forest
- c. Desert region

2. Explain with examples why we find animals of certain kind living in particular climate conditions?

Mini exercise

Look up the weather report of a news paper for one week. Collect the data about temperature, humidity and rainfall and fill in the following table accordingly.

Sr. No.	Date	Temperature Max/Min °C	Humidity Max/Min %	Rainfall
1				
2				
3				
4				
5				

Day-3

3. Give the characteristics features of different soil layers.

4. Describe the factors which cause soil erosion.

5. Draw and label the cross section of soil.

Week-5

Day-1

Choose correct option.

1. In cockroaches the air enters the body through _____.
a. lungs b. gills c. spiracles d. skin
2. which of the following is not the feature of respiration _____.
a. Release of energy b. Involvement of enzymes c. Occurs outside the cells
d. Production of food
3. The end products of aerobic respiration are _____.
a. Nitrogen and water b. Carbon dioxide and water c. Ethyl alcohol and oxygen
d. None of these
4. The organism that absorbs oxygen dissolved in water is _____.
a. whale b. fish c. Earth worm d. butterfly
5. Energy from food is released by the process of _____.
a. digestion b. respiration c. circulation d. Excretion

Name the following.

1. The air tubes of insects.
2. Tiny pores on the lower surface of the leaf.
3. The respiratory organ of human beings.
4. The opening through which we inhale.
5. An organism with tracheal system.

Mini exercise

Write the differences between external and internal respiration.

Sr. No.	External respiration	Internal respiration
1		
2		
3		

Mini Exercise External and Internal respiration.

<https://youtu.be/EI8Oe8r9vH4>

Day-2

Answer the following short questions.

1. How is breathing different from respiration?

2. What is respiration? What are the different types of respiration?

Mini Exercise aerobic and anaerobic respiration.

<https://youtu.be/04cUKimk5GA>

3. Why aerobic respiration is more effective than anaerobic respiration?

Day-3

4. How are frogs peculiar in their way of breathing?

5. Where does exchange of gases takes place in plants?

Mini exercise

Draw a diagram of stomatal complex.



6. What is breathing rate? How is it measured?

Week-6

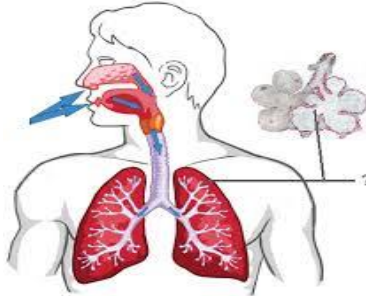
Day-1

1. Give the equations for aerobic and anaerobic respiration.

2. How do stomata help in respiration?

3. What do you mean by cellular respiration?

4. Label the diagram of respiratory system.



Mini Exercise Aerobic and Anaerobic respiration.

<https://youtu.be/1Lw0Ox5UgDg>

Day-2

Long questions

1. Explain the human respiratory system with the well labelled diagram.
2. Explain the mechanism of breathing in fish and frog.
3. How do plants respire?

Day-3

4. List the similarities and differences between aerobic and anaerobic respiration.
5. What are the differences between breathing and cellular respiration?

English
Week 1: Day 1

Unit # 5**Topic: Fiction**

Lesson 1: Fire (Reading Comprehension, Pg. 114-117)

Week 1: Day 2

Written Work on Neat Notebooks

Selected Words/Synonyms

Write the meanings of these words:

Camping	Dope	Smother	Searing	Singe
Stinking	Grope	Futilely	Scramble	Dart
Crook	Howl	Frantic	Level-headed	Wailing

Make sentences of the following words.

Flamboyant, easygoing, remarkable, notorious, perish, confusion, threat, partly

Week 1: Day 3

Written Work: On Neat Notebooks

Fire (Q. 1-10, Pg. 118)

Write the answers of following questions.

1. Why is it so important that the cork should be in the bottle of methylated spirits when Graham knocks it over? (Paragraph 1)
2. Which verb is used to make the fire seem like a live creature? (Paragraph 2)
3. Why was it a bad mistake for Graham to throw the bottle away from him? (Paragraph 2)
4. Why do you think the writer has italicized the word 'it' when he refers to fire? (Paragraph 3)
5. Which adverb shows that the boys' efforts to beat out the fire were useless? (Paragraph 3)

Week 2: Day 1

Q/A on Page. 118 (6-10)

6. What did Harry understand more clearly than the others? (Paragraph 6)
7. Describe the different movements and sounds. (Paragraph 6)
8. Why was it so important that the boys found their shoes? (Paragraph 7)

9. In what ways was the boys' running like that of frightened rabbits? (Paragraph 8)

10. When the boys finally found the protection of a partly constructed building, what could they hear and see? (Paragraph 9)

Week 2: Day 2

Grammar

Topic: Active/Passive Voice

Q: Watch the video and learn to make active and passive voices.

<https://youtu.be/q8BYPYIQAPk>

Q: Write down fifteen sentences of Active/Passive Voice (Past Indefinite Tense)

Week 2: Day 3

Grammar

Topic: Letter

Q: Write a letter to your friend inviting her for your birthday celebration.

<https://youtu.be/zc-fIK0rpbA>

Week 3: Day 1

Grammar

Topic: Modal Verbs

Name: _____

Date: _____

Learning Modal Verbs Worksheet

A modal verb is a type of auxiliary verb that is used to indicate modality that is possibility, ability, permission, advice and obligation.

Modal verbs include: can / could, may / might, must/have to, will / would, and shall / should

<https://youtu.be/Nk9nQwoCFig>

Directions: Identify the verb in each sentence. Underline the modal verbs once and the action verbs twice.

Example: *I could find out my test score next week.*

Answer: I could find out my test score next week.

1. He shall bring the food very soon.
2. We can definitely win the championship game.
3. You should stop smoking because it is bad for you.

4. May I sit down now?
5. I must go now.
6. I ought to tell the truth to the teacher.
7. Could you pass me the ketchup?
8. It must be very cold on the east coast
9. He can speak Chinese.
10. They might not come to the party.
11. I can speak a little Russian.
12. You should stop smoking because it is bad for you.
13. May I sit down now?
14. I can play basketball very well.
15. Can you help me lift the couch?

Write a sentence with each modal verb given below.

16. would _____
17. must _____
18. may _____
19. should _____
20. could _____

Week 3: Day 2

Lesson 2:

Topic: Play script

Great Expectations (Reading Comprehension, Pg. 120-123)

Words Synonyms (Written Work: On Neat Copies)

Hulk	Stutter	Crust	Glare
Rage	Rifling	Darn	Slant
scratched	Ravenously		

Week 3: Day 3

Written Work: Question Answers (Pg. #124)

Write the answers of the following questions

1. Who is buried in the churchyard, and how does Pip feel about them?

2. How does Pip feel about living with his sister?
3. What does the man say about the young man who is hiding with him?
4. Who do you think this young man really is?
5. How does the man threaten Pip?
6. How do you think Pip is feeling as he runs off at the end?

Week 4: Day 1

1. Test your Grammar:

Write answers on your neat copies. Follow the instructions given in the start of video.

<https://youtu.be/aVjcvckyOY8>

How many marks have you scored out of 20?

2. Prepositions: Take the Quiz

<https://youtu.be/k9yh700kfc>

I got ____ out of 15.

Week 4: Day 2

Grammar:

Topic: Future Indefinite Tense (Active Voice)

<https://youtu.be/vZyw8TyPMfc>

<https://youtu.be/Kh2B9Dn57t0>

Write the sentences following their rule given in brackets.

Ten Affirmative Sentences

Ten Negative Sentences

Ten Interrogative Sentences

Week 4: Day 3

Grammar: Future Indefinite Tense (Passive Voice)

<https://youtu.be/OtQjuy8ROgo>

Write the sentences in Future Indefinite Tense using the rule of Passive Voice.

Ten Affirmative Sentences

Ten Negative Sentences

Ten Interrogative Sentences

Week 5: Day 1

Unit # 6

Topic: Travel Writing

Lesson 3: The Fishing Baboon (Reading Comprehension, Pg. 153-155)

Directions: Complete the vocabulary part on book (Pg#155) by matching the words to their definitions then write them on your neat copies.

Week 5: Day 2

Topic: The Fishing Baboon Written Work: Sentences & Q/A (P. no. 156)

Q: Write the sentences of the following words with their meanings.

Swamp, distrust, murkiness, horrendous, petrified, float, ludicrous, smug, accolade

Write the answers of following questions:

1. Why didn't Laval go far from the sight of Dorothy and the writer?
2. Explain how the floating bridge worked. Why was it a 'horrendous crossing' for the writer?
3. How did Laval behave when he was by the river, and how did this behavior compare with how he usually was?
4. Describe some of Laval's behavior which makes him sound human.

Week 5: Day 3

Question/Answers, Pg. # 156

1. How did Laval express his excitement?
2. In Paragraph 3, which word tells you that Laval was usually a loathsome character?
3. Why did Dorothy make Laval wear a sun-hat? What kind of hat was it, and how did it seem what Laval felt about wearing it?
4. How did Laval seem to bring the villagers good luck?

Week 6: Day 1

Name: _____

Date: _____

Grade 7 Reading Comprehension Worksheet**The Three Brothers**

Read the passage. Then answer the questions.

Once upon a time there were three brothers living all alone in a faraway land. Their names were: Strong-Arm, Wise-Head and Good-Heart. Strong-Arm spent all his time very happily running, jumping, throwing spears and swimming in the river. Wise-Head too was very happy. He spent all his time reading, writing, learning, and making things with his hands. Good-Heart was the happiest of all. He spent all his time helping his brothers and cooking their food.

But as they grew older, the three brothers began to wonder whether they were really completely happy. So one day the Queen of the Good Spirits decided to teach them something. She changed herself into a little girl, and sat on the top branch of a great silk-cotton tree that no-one could ever climb, calling "Help! Help!"

Good-Heart was always ready to help anyone in trouble and he looked up and saw the little girl. But how could he get her down? He didn't know. So he asked his brothers for help. Wise-Head thought about the problem. He worked out the height of the tree, made a long piece of thin string, and tied a stone to one end of it. Then he told Strong-Arm to throw the stone over the highest branch. When the stone fell to the ground again, the string was right over the branch. Then Wise-Head tied a long thick rope to the string, and pulled the other end of the string until the rope too went right over the branch and down again. But Wise-Head couldn't climb the rope himself. He had to get Strong-Arm's help again. So Strong-Arm climbed up the rope, and brought the little girl safely to the ground.

The three brothers all felt wonderfully happy because that they had saved the little girl. They laughed, and danced and sang. And just at that moment, the little girl became the Queen of the Good Spirits once again, and this is what she said: 'Now you have learnt that being only strong or only wise or only good is not the best thing. The best thing is to be strong and wise and good.'

So the three brothers lived happily all their life, doing things together, and joining goodness with wisdom and strength. And their names became mixed up, and they became known by everyone as Wise-Arm, Good-Head, and Strong-Heart.

Answer the questions.

1. What is the theme that the writer wants you to understand from this story?
2. What is the main idea of the passage?
3. Underline the facts from the passage that support the main idea.

Copyright www.englishlinx.com**Week 6: Day 2****Topic: Creative Writing**

Write a passage on the following topics in your own words.

- a. How you feel by staying at your home.
- b. A visit to a park or garden or some historical place.

Week 6: Day 3**Topic: Idioms**

Definition: An **idiom** (also called **idiomatic expression**) is an expression, word, or phrase that has a figurative meaning conventionally understood by native speakers. This meaning is different from the literal meaning of the idiom's individual elements. In other words, idioms don't mean exactly what the words say. They have, however, hidden meaning.

Learn the following idioms and their meanings.

COMMON ENGLISH IDIOMS

Eat Someone's Lunch	Defeat someone thoroughly
Hard Nut To Crack	A difficult problem or a difficult person
Have Egg On Your Face	They are made to look foolish or embarrassed
In a Nutshell	Expressed in a few words
Piece of Cake	Very easily done
Spill the Beans	Reveal a secret
Think Big	Consider ambitious plans
Let One's Hair Down	To relax and enjoy themselves
Take It Easy	When you relax, or do things at a comfortable pace
Blow One's Top	Lose one's temper
Go Bananas	To become irrational or crazy
Under One's Belt	Safely or satisfactorily achieved, experienced, or acquired
Hit the Roof	Explode in rage; become extremely angry
Run into a Buzz Saw	Encounter severe and unexpected problems
Cutting-Edge	Very novel, innovative
Run Out of Steam	Lose momentum, become tired

3

Idioms

Name _____

Directions: Match the idiom with its real like meaning.

<ol style="list-style-type: none"> 1. ___ You have ants in your pants. 2. ___ I'm feeling blue. 3. ___ My eyes are bigger than my stomach. 4. ___ Please give me a hand. 5. ___ I'm in a pickle. 6. ___ I hit the nail on the head. 7. ___ Walk a mile in my shoes. 8. ___ I have butterflies in my stomach. 9. ___ Don't give me the cold shoulder. 10. ___ That's a piece of cake. 11. ___ I'm on top of the world. 12. ___ I have a green thumb. 	<ol style="list-style-type: none"> A. I am good at growing things. B. Put yourself in my place. C. I'm in trouble. D. I'm sad. E. You're wiggling. F. I am nervous. G. Please help. H. I got it correct. I. I'm doing really well. J. I took more food than I can eat. K. That's easy. L. Don't ignore me.
---	--

Match the Idioms with their intended (Figurative) meaning

IDIOM

MEANING

Shake a leg.

Drives me up a wall.

Spill the beans

Penny pincher

Horsing around

Put your foot in your mouth.

Cat got your tongue?

Not talking

Fooling around

Annoying me

Said something embarrassing

Hurry up

Give away a secret

Not willing to spend money

Computer

Week: 1 Day: 1

<https://www.youtube.com/watch?v=uD0aclhi8xE>

<https://www.youtube.com/watch?v=3JKpgWrQNr8>

Fill in the blanks

- a) A hybrid computer used both _____ and _____ components.
- b) A digital computer only understands language of _____ and _____.
- c) A microcomputer is also known _____ computer.
- d) A minicomputer is _____ and _____ then microcomputer.
- e) A _____ computer is used for scientific applications and weather forecasting.
- f) The fastest and most expensive computers are _____
- g) Desktop and Personal computers are also known as _____
- h) Which of the following uses a handheld Operating Systems
- i) _____ are the fastest and most expensive computers
- j) _____ are computers that support hundreds or thousands of users simultaneously.

Day 2:

<https://www.javatpoint.com/types-of-computer>

<https://byte-notes.com/four-types-computers/>

Q1. What is difference between minicomputer and microcomputer?

Q2. Describe important features of mainframe computer with example?

Q3. What is difference between analog and digital computer? Give suitable example.

Week2:Day1

https://www.youtube.com/watch?v=Bxoq_6898Qg

Activity:1

Look for computers at various locations and categories them into minicomputer, microcomputer and mainframe computer?




Statement True or False

- a) Fujitsu and Hitachi are supercomputer made in Germany.
- b) An analog computer are operates on the principal of measuring changes in physical quantities and converting the measured changes in numeric values.
- c) IBM PC 100,200 is examples of minicomputer.
- d) Supercomputer are smaller than microcomputer
- e) Samsung galaxy tab are the example of tab computer.

Day 2

<https://www.youtube.com/watch?v=q2IEjX5pMNs>

Mention name of computer according to below pictures. And describe in specification in one line

Picture	Name	Description
		
		
		
		
		

Week 3 Day 1:

Fill the keyword with the help of clues given.

Across

3. A types of Computer that computer counting and adding operation.

5. Computer referred to as number crunching machines.

1.

 2.

--	--	--	--	--	--

 4.

3.

 5.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

1. A type of computer that measuring computer changing continuous physical quantity.
2. A type of computer that use digital as well as analog.
4. A types of computer that has microprocessor chip in CPU.

Day2:

MCQS

1. **The acronym PC stands for:**
 - A. Private Computer
 - B. Personal Computer
 - C. Personal Compact
2. **Another name for supercomputer is:**
 - A. Mega Computer
 - B. Power Computer
 - C. Monster Computer
3. **This computer is a multiprocessing computer system that is smaller and slower than a mainframe:**
 - A. Supercomputer
 - B. Personal Computer
 - C. Minicomputer
4. **This computer is mainly used in homes for recreation:**
 - A. Personal Computer
 - B. Mainframe Computer
 - C. Minicomputer
5. **Complex scientific research is usually done using:**
 - A. Mainframe Computer
 - B. Supercomputer
 - C. Minicomputer
6. **Mainframe computers are very cheap.**
 - A. True
 - B. False
7. **Minicomputers have become outdated.**
 - A. True
 - B. False
8. **Supercomputers are used extensively in the scientific field for research and simulations.**
 - A. True
 - B. False
9. **Personal computers are also called microcomputers.**
 - A. True
 - B. False
10. **A laptop is an example of a personal computer.**
 - A. True
 - B. False

Week 4 Day 1:

<https://www.wikihow.com/Create-a-Simple-Webpage-Using-Notepad>

<https://www.youtube.com/watch?v=bWPMSSsVdPk>

<https://www.youtube.com/watch?v=UB1O30fR-EE>

Html Fill in The Blanks Quiz

<https://www.bapugraphics.com/>

1. In HTML we have _____ heading tags for writing heading ?

- Six
 Four
 Five
 Two

2. In HTML we have _____ tag for typing paragraphs ?

- Three One Two Five

3. In HTML we use _____ tag to get Bold Text ?

- < bold > < strong > < fontweight > None of the Above

4. In HTML we use _____ tag to get text in Italic?

- < variant > < italic > < em > None of the Above

5. In HTML we use _____ tag to defines small text ?

- < small > < textsmall > < mark > None of the Above

6. In HTML we use _____ tag to defines highlighted text ?

- < em > < mark > < highlight > None of the Above

7. In HTML we use _____ tag to defines deleted (removed) of text?

- < delete > < del > < remove > None of the Above

8. In HTML we use _____ tag to defines subscripted text?

- < sub > < subscript > < scriptsmall > None of the Above

9. In HTML we use _____ tag to defines superscripted text?

- < sup > < superscript > < strong > None of the Above

10. In HTML we use _____ tag to defines quotation marks around the text ?

- < q > < quotation > < qut > None of the Above

Day2:

<https://www.cbsetuts.com/cbse-notes-class-7-computer-action-introduction-html/>

<https://www.khanacademy.org/computing/hour-of-code/hour-of-code-lessons/hour-of-html/pt/html-basics>

1.What is HTML?HTML stands for?

2. What are tags and attributes? Explain with example

Week 5 Day 1:

Activity:

<https://tutorialscass.com/exercise/create-webpage-in-html-using-notepad/>

Make ur first HTML page by using this format? Heading “Cantt Public High School” and paragraph write your introduction.

```

<html>
<head>
<title>This Is Your Title </title>
</head>
<body>
<h1>This Is Your Header </h1>
<p> This is your paragraph. </p>
</body>
</html>

```

Day2:

<https://www.wikihow.com/Create-a-Simple-Webpage-Using-Notepad>

Write the following syntax

Font size

Left Alignment

Font color

Centralize text

Space

Week 6: Day 1

Quiz

Multiple Choice Questions on HTML & Web Designing

1. What is the full form of HTML?

- A. Hyper text markup language
- B. Hyphenation text markup language
- C. Hyphenation test marking language
- D. Hyper text marking language

2. What is the full form of HTTP?

- A. Hyper text transfer protocol
- B. Hyper text transfer package
- C. Hyphenation text test program
- D. none of the above

3. What is a search engine?

- A. a program that searches engines
- B. a web site that searches anything
- C. a hardware component
- D. a machinery engine that search data

4. What is the full form of TCP/IP?

- A. transmission control protocol / internet protocol
- B. telephone call protocol / international protocol
- C. transport control protocol / internet protocol
- D. none of the above

5. HTML document start and end with which tag pairs?

- A. <HEAD>....</HEAD>
- B. <BODY>....</BODY>
- C. <HTML>....</HTML>
- D. <WEB>....</WEB>

6. Which tag is used to create body text in HTML?

- A. <HEAD>
- B. <TEXT>
- C. <TITLE>
- D. <BODY>

7. <TITLE> ... </TITLE> tag must be within _____

- A. Title
- B. Form
- C. Header
- D. Body

8. Text within ... tag is displayed as _____

- A. bold
- B. italic
- C. list
- D. indented

11. Text within ... tag is displayed as _____

- A. bold
- B. italic

C. list

D. indented

12. ... tag is used to _____

A. display the numbered list

B. underline the text

C. display the bulleted list

D. bold the text

13. Which tag is used to display the numbered list?

A.

B. <DL></DL>

C.

D.

14. Which tag is used to display the large font size?

A. <LARGE></LARGE>

B. <BIG></BIG>

C. < SIZE ></SIZE>

D.

Day 2:

<https://www.webfx.com/blog/web-design/html-questions/>

How many HTML heading levels are there?

What is the HTML5 element that represents a line break *opportunity*?

Write stands for

a. Html

b. www

c. .com

d. .org

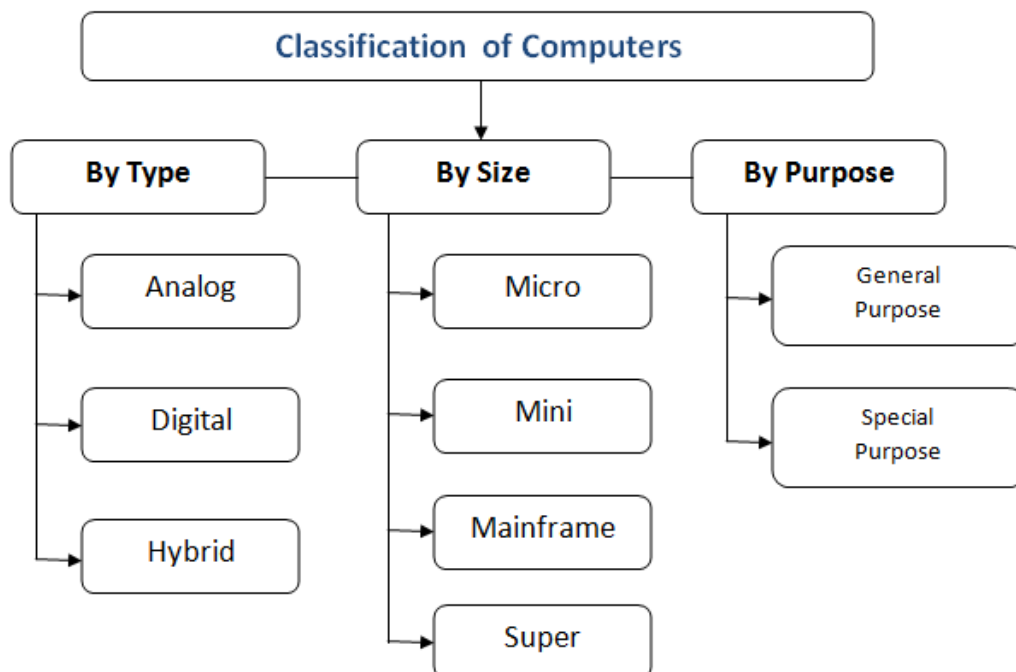
e. IP

f. .edu

g. Css

Day 3:

Revision:



General Knowledge

Subject: Math

WEEK#1

1. "Number rules the Universe" Who said it?
2. What is the name for the longest side of a right angled triangle?
3. What number do you get when you multiply all of the numbers on a telephone number pad?
4. What is the most famous theory of triangles in geometry?
5. In which number system, there is no symbol for zero?
6. What is the total number of dots on a dice?

WEEK#2

1. what come after billion and trillion?
2. the name of the polygon that has 15 sides?
3. Which is the mathematical device that consists of beads?
4. The man who know infinity?
5. in which country did the chess originate?
6. What is the other name of perimeter of a circle?

WEEK#3

1. How many leap years will there be between 2000 and 2050?
2. What are the odds of rolling a dice and having it come up as a six three times in a row?
3. What are the odds of rolling two six-sided dice and getting two sixes?
4. What are the odds of rolling two 6-sided dice to the same number (getting doubles)?
5. If a library is 46% historical books and 24% fiction, with 105 others, how many books are fiction?
6. What is the number if two-thirds of a number is 20 less than the original number? **WEEK#4**

1. Two angles, measuring 58 and 32 degrees, would be considered what kind of angles?
2. How many ways can a group of 7 choose a committee of 4?
3. if m divided by 6 has 5 as a remainder, what is the remainder if 4m is divided by 6?
4. $10001 - 101 = ?$
5. What is the number system which belongs to the letters
6. V, X, L, D, M etc?
7. Which is the only even prime number?

WEEK#5

1. Which is the only number that cannot be used as a divisor?
2. Which is the smallest perfect number?
3. How many sides are there in a heptagon?
4. What is a solid shape that has four equal triangles as faces called?
5. Which number does not have a reciprocal?
6. Who is known as 'Father of Geometry'?
7. Who is the founder of the signs + and - in Mathematics? **WEEK#6**
1. Find the missing number in the series:
5, 10, 17, -, 37, 50, 65, 82.....
2. Anu ranked 8 th from the top and 26 th from the bottom in a class. How many students are there in the class?
3. The average of first 50 natural numbers is _____
4. Arun has equal number of one rupee, five rupee and 10 rupee notes with him. If he has 320 rupees with him, what will be Arun has equal number of one rupee, five rupee and 10 rupee notes with him. If he has 320 rupees with him, what will be the number of each rupee notes?
5. How many seconds are there in one hour?
6. What is an angle greater than 180 degrees but less than 360 degrees called?
7. How many faces are there in a triangular pyramid?

Computer

Work sheet#1:

1: Which shortcut key is used to Bold a text?

Ans: _____

Q2: A program which translates High Level Language to a Machine Level Language is called?

Ans: _____

Q3: The process to find error in a software code is called?

Ans: _____

Q4: Which shortcut key is used to save a text or file?

Ans: _____

Q5: A Web site's main page is called?

Ans: _____

Q6: What is the shortcut key for printing a document?

Ans: _____

Work sheet#2:

1: What is animation and name two animation tool?

Ans: _____

Q2: Write the steps to animate an object in synfig studio?

Ans: _____

Q3: Define different type of panels available in synfig studio?

Ans: _____

Q4: What is URL? Why it is useful?

Ans: _____

Q5: What is server? Explain different functions of server?

Ans: _____

Q6: What are different types of computer network?

Ans: _____

Q7:

Work sheet#3:

Q1: Fill in the blanks.

a) ISDN stands for _____

b) _____ provides real time video and voice communications.

c) A blog is a _____ log

d) HTML stands

for _____

e) A program is asset of _____

Q2: True or False.

a) Blog is a weblog.

b) An e __ ticket stands for electronic ticket.

c) Internet is a largest network.

d) E __ commerce is a process of buying and selling goods over the internet.

e) Assembler is a translation program.

f) High level languages are easy to understand.

Work sheet#4:

Q1: What is the abbreviations stands for?

a) COBOL

Ans: _____

b) BASIC

Ans: _____

c) FORTRAN

Ans: _____

d) MSWLOFGO

Ans: _____

e) HTML

Ans: _____

Q2: In which year were the following languages developed:

a) Java _____

b) C++ _____

c) FORTRAN _____

d) BASIC _____

e) BOBOL _____

Work sheet#5:

Q1: Which shortcut key is used to Bold a text?

Ans: _____

Q2: A program which translates High Level Language to a Machine Level Language is called?

Ans: _____

Q3: The process to find error in a software code is called?

Ans: _____

Q4: Which shortcut key is used to save a text or file?

Ans: _____

Q5: A Web site's main page is called?

Ans: _____

Q6: What is the shortcut key for printing a document?

Ans: _____

Work sheet#6:

Computer hardware	Inventor Name
1. Keyboard	
2. RAM	
3. Hard disk	
4. Computer mouse	
5. Floppy disk	
6. Laser printer	
7. Hard disk	
8. Track ball	

Social Study

Week one

The Renaissance scientist who explained how planets moved around the sun was?

a) Kepler b) Rabelais c) Francis Bacon d) Gutenberg

2. The European renaissance started from which country

a) England b) French c) Italy d) Greece

3. Who is also known as the founder of scientific socialism?

a) Karl Marx b) Lenin c) Rousseau d) Engels 4. Who said that "Man is a political animal"?

a) Aristotle b) Karl Marx c) Lenin d) Plato

5. Who is known as "Father of History"?

a) Mark Antony b) Nero c) Herodotus d) Homer

6. In which year, Alexander the Great become the king of Macedonia

a) 336 BC b) 323 BC c) 350 BC d) 200 BC

Week Two

Which country has the oldest National Flag?

a) Denmark b) Japan c) India d) China

2. American Presidential elections are held at every ___ years?

a) 6 b) 4 c) 2 d) 5

4. Who is known as the founder of the 'Republic of Turkey'?

a) Ismet Inonu b) FevziCakmak c) Mustafa Kemal Atatürk d) None of the above

5. What year was Buddhism founded?

a) 102 ADE b) 720 BCE c) 563 BCE d) 645 ADE

6. The island of Sri Lanka formerly known as

a) Maldives b) Bali c) Ceylon d) Madagascar

Week three

1. Who is Current Chief justice of Pakistan?

a) Justice Anwar Zaheer Jamali b) Justice Mian Saqib Nisar c) Justice Asif Saeed Khan Khosa d) Justice Gulzar Ahmed

2. Who is the governor of The State Bank of Pakistan?

a) Mr. Riaz Riazuddin b) Ashraf Mahmood Wathra c) Tariq Bajwa d) Dr Reza Baqir

3. Current Governor of Punjab is?

a) Chaudhry Sarwar b) Salman Taseer c) Shehbaz Sharif d) Malik Rafiq Rajwana

4. Who is the Current Federal Minister for Information?

a) Firdous Ashiq Awan b) Fawad Chaudhry c) Lt Gen (Rtd) Asim Saleem Bajwa d) Shibli Faraz

5. Who is the Current Federal Minister of Science and Technology?

a) Khalid Maqbool Siddiqui b) Ghulam Sarwar Khan c) Fawad Chaudry d) Shafqat Mahmood

6. Who is the leader of the opposition in National Assembly of Pakistan?

a) Imran Khan b) Maulana Fazl-ur-Rehman c) Shehbaz Sharif d) Farooq Sattar

Week Four

1. Rivers Tigris and Euphrates are associated with?
(A) Mesopotamian Civilization (B) Egyptian Civilization (C) Harappan Civilization (D) Chinese Civilization
2. Which is considered as the oldest civilization of the world?
(A) Mesopotamian Civilization (B) Egyptian Civilization (C) Harappan Civilization (D) Chinese Civilization
3. Which among following is called "Gift of the Nile"?
(A) China (B) India (C) Iraq (D) Egypt
4. Who is known as the father of Modern Medicine?
(A) Euclid (B) Pythagoras (C) Hippocrates (D) Eratosthenes
5. Vasco da Gama reached in India in the year? (A) 1495 (B) 1496 (C) 1497 (D) 1498
6. America was discovered in?
(A) 1491 (B) 1492 (C) 1493 (D) 1494

Week Five

1. A system of writing evolved by Sumerians is known as:
a) Pictograms b) Cuneiform c) Hieroglyphic d) None of these
2. The most imposing of all the pyramids is the Great Pyramid at Gizeh near Cairo, was built about 2650 B.C by the ____ of the Old kingdom.
a) Pharaoh Cheops (Khufu) b) King Tutankhamen c) Hammurabi d) None of these
3. Who is the first woman in space?
a) Sunitha Williams b) Valentina Tereshkova c) Masidanamisha d) Tamara Press
4. Which of these cities has one part of it is in Asia and other part in Europe ? a) Moscow b) London
c) Istanbul d) Saint Petersburg
5. Which of the following year is considered as the first year of the Muslim calendar?
a) AD 622 b) AD 671 c) AD 571 d) AD 651
6. Florence Nightingale was known as:
a) Lady of the Lamp b) Lady of the light c) Lady of the stars d) Lady of the moon

Week six

1. The SAARC organization was launched for
a) political alliances b) regional cooperation c) cultural exchanges d) military strategy
2. The headquarters of U.N. is located in a) Rome b) Geneva c) New York d) Washington D.C.
3. The five permanent members of UN security council are
a) Japan, West Germany, USSR, UK and USA b) Canada, China, France, USSR and USA
c) Germany, China, USSR, UK and USA d) China, France, USSR, UK and USA
4. Permanent Secretariat to coordinate the implementation of SAARC program is located at
a) Dhaka b) New Delhi c) Colombo d) Kathmandu
5. Which of the following countries is not a member of a SAARC
a) Sri Lanka b) Myanmar c) Maldives d) Bhutan
6. When was SAARC founded?
a) 1982 b) 1984 c) 1985 d) 1983

Science

Week one

Which is the largest land animal?

- a. Lion
 - b. Tiger
 - c. Elephant
 - d. Rhinoceros
2. ____ helps pump blood through the entire body.
- a. Lungs
 - b. Kidneys
 - c. Heart
 - d. Brain

4. If one boils water it will convert into ____

- . a. Mist
 - b. Steam
 - c. Clouds
 - d. Snow
5. When you push something, you apply _____.
- a. Force
 - b. Acceleration
 - c. Mass
 - d. Compression
6. Which group of animals have scales?
- a. Mammals
 - b. Amphibians
 - c. Reptiles

Week two

Plants need which gas to perform photosynthesis?

- a. Hydrogen b. Carbon monoxide c. Carbon dioxide d. Oxygen
2. Which scientist proposed the three laws of motion?
- a. Isaac Newton b. Thomas Alva Edison c. Albert Einstein d. Stephen Hawking
3. Which biologist proposed the theory of evolution through natural selection?
- a. Charles Darwin b. Stephen Hawking c. Francesco Redi d. Alexander Fleming
4. What are animals, which eat both plants and animals, called?
- a. Herbivores b. Insectivores c. Carnivores d. Omnivores
5. The outward force, away from the center, felt by an object in circular motion is ____.
- a. Centripetal force b. Circular force c. Centrifugal forces d. Elastic force
6. What type of energy eventually depletes?
- a. Kinetic energy b. Non-renewable energy c. Gravitational energy d. Renewable energy

week three

Standard International Unit of speed is:

- Ms¹
 - m/s
2. Which Mirror is used for side view in vehicles?
- Concave
 - Convex
3. A merry go round is the example of which type of motion?
- Oscillatory
 - Rotator
4. Which one of the following records the distance traveled by a vehicle?
- Manometer
 - Speedometer
5. Acid taste
- Sour
 - Bitter
6. Which of the following instruments is used to check the temperature:
- Thermometer
 - Odometer

Week four

1. Which organ covers the entire body and protects it?
- A. Liver b. Heart c. Skin d. Brain
2. Which shape is a round?
- a. Rectangle b. Circle c. Square d. Triangle
3. Who invented the first functional telephone?
- a. Albert Einstein b. Nikola Tesla c. Thomas Alva Edison d. Alexander Graham Bell
4. What is the young one of a cow called?
- a. Puppy b. Kitten c. Calf d. Baby
5. Dark rain clouds can give out lightning and _____.
- a. Thunder b. Snow c. Sunlight d. Wind
6. Your hands have four fingers and a _____.
- a. Knee b. Ankle c. Elbow d. Thumb

week five

1. What is the name of a frog's young one?
- a. Infant b. Puppy c. Calf d. Tadpole
3. What tissue connects muscles to bones?
- a. Skin b. Blood vessels c. Fat d. Tendon

4. Which nutrient plays an essential role in muscle-building?
 a. Protein b. Carbohydrate c. Iron d. Fat
5. Plants need which gas to perform photosynthesis?
 a. Hydrogen b. Carbon monoxide c. Carbon dioxide d. Oxygen
6. Which scientist proposed the three laws of motion?
 a. Isaac Newton b. Thomas Alva Edison c. Albert Einstein d. Stephen Hawking

Week six

1. Which animal lays eggs?
 A .Dog
 b. Cat
 c. Duck
 d. Sheep
2. A male cow is called?
 A .Ox
 b. Dog
 c. Sheep
 d. Monkey
3. All animals need food, air, and _____ to survive.
 a . House
 b. Water
 c. Chocolate
 d. Fruits
4. Which one is a fur-bearing animal?
 a. Hen
 b. Crocodile
 c. Tortoise
 d. Cat
5. What is Earth's only natural satellite?
 a. Sun
 b. Mars
 c. Venus
 d. Moon
6. The tree has a branch filled with green _____.
 a. Hair
 b. Root
 c. Leaves
 d. Trunk

English

Week one

- Which of the following sentences contains a prepositional phrase?
 - A. I don't know where they went.
 - B. There was a dark stain on my shirt.
 - C. Only the best teams make the tournament.
 - D. Whenever we get hungry, we also get grumpy.

- Which of the following sentences is written correctly?
 - A. _____ has many good books, but my favorite is "Something Upstairs."
 - B. Please read Chapter 5, Life in the Midwest.
 - C. Who starred in the movie Jerry McGuire?
 - D. One of my favorite short stories is The Last Leaf.

- 4. Which of the following sentences is written correctly?
 - A. The poem, written by a senior, is called a "heartbreak."
 - B. Linda dreams of flying on the "Concorde" someday.
 - C. "The History of English" was a fascinating television series.
 - D. Her first book was called sleep Late, and it was recently published.

- 5. At first, digging the hole was fun. With each thrust of the shovel, I could see progress. However, before long my back hurt really badly; and I longed for the day to end. Which of the following phrases adds more vivid language to replace the phrase "hurt really badly?"

- A. Was seriously bothering me
- B. Was becoming increasingly sore
- C. Screamed in agony for me to stop
- D. Hurt more with every passing minute

- 6. Which of the following choices is a complex sentence?

- A. Erica's high level of skill came from many hours of practice.
- B. Erica had to invest many hours of practice and then she could achieve a high level of skill.
- C. Erica had to invest many hours of practice because she wanted to achieve a high level of skill.
- D. Erica did not enjoy the; many hours of practice, but they were necessary for her to achieve a high level of skill.

Week two

- 1. Which of the following sentences does NOT use a correlative conjunction correctly?

- A. Neither Jane nor Elena knew the correct answer.
- B. The teacher said that we were either to write an essay or to produce a poster about the poem.
- C. Not only did I read the assignment, but also I read extra articles on the subject.
- D. Lorena and Louisa completed their assignments but left them at home.

- 2. Which of the following sentences does NOT use a collective noun?

- A. The flock of chickens was startled by the pack of dogs.
- B. The baseball team has been working frantically to raise funds for new uniforms.
- C. The new school was built after the voters passed the bond issue.
- D. The hikers tired not to disturb the herd of cows gazing in the meadow.

- 3. Which of the following sentences uses abstract nouns?

- A.
 - A . Jessica and Jay often discuss their different strategies for studying science.
- B. intelligence, wit, and patience make a good combination.
- C. Carlos and Maria, who lives two miles away, make frequent walks to the store.
- D. The bird, butterfly and bee, though very different, all posses the ability to fly.

- 4. Which of the following does not use the emphatic form of a verb?

- A. Terry did return the shirts that did not fit after trying them on.
- B. The principal does not require that each student have a signed permission slip before leaving school.
- C. My parents do the yard work early each Saturday morning.
- D. The shrub do need trimming after the long winter.

- 5. Which type of sentence is shown below? The baby duckling slowly swam behind its mother.

- A. Simple
- B. Complex
- C. Compound
- D. Compound-complex

Week three

- I _____ tennis every Sunday morning.

- A. Playing
- B. Play
- C. Am playing
- D. Am play

- 2. Don't make so much noise. Noriko _____ to study for her ESL test.

- A. Try
- B. Tries
- C. Tried

- D. Is trying
- 3. Jun-Sik, _____ his teeth before breakfast every morning.
 - A. Will cleaned
 - B. Is cleaning
 - C. Cleans
 - D. Clean
- 4. Sorry, she can't come to the phone. She _____ a bath!
 - A. Is having
 - B. Having
 - C. Have
 - D. Has
- 5. _____ many times every winter in Frankfurt.
 - A. It snows
 - B. It snowed
 - C. It is snowing
 - D. It is snow
- 6. How many students in your class _____ from Korea?
 - A. Comes
 - B. Come
 - C. Came
 - D. Are coming

Week four

- 1. Jane _____ her blue jeans today, but usually she wears a skirt or a dress.
 - A. Wears
 - B. Wearing
 - C. Wear
 - D. Is wearing
- 2. I think I _____ a new calculator. This one does not work properly anymore.
 - A. Needs
 - B. Needed
 - C. Need
 - D. Am needing
- 3. Sorry, you can't borrow my pencil. I _____ it myself.
 - A. Was using
 - B. Using
 - C. Use
 - D. Am using
- 4. At a school dance: Jane: " _____ yourself?" Mary: "Yes I'm having a great time."
 - A. You enjoying
 - B. Enjoy you
 - C. Do you enjoy
 - D. Are you enjoying
- 5. I've just finished reading a story called Dangerous Game. It's about a man who _____ his wife because he doesn't want to lose her.
 - A. Kills
 - B. Killed
 - C. Kill
 - D. Is killing
- 6. What time _____?
 - A. The train leaves
 - B. Leaves the train

اسلامیات

سلیبس پہلا ہفتہ

عزیز طلبہ اس ہفتے کا کام آپ کو دی گئی ہدایات کے مطابق کرنا ہوگا۔

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
پارہ نمبر 13,14 کی پڑھائی کریں۔ تفصیلی سوالات کے جوابات زبانی یاد کرنا۔	کتابی مواد + ورک شیٹ	حفظ قرآن مجید سورة الزلزال	6	القرآن الکریم	پہلا دن
		سبق کی بلند خوانی خطبہ حجۃ الوداع کا پس منظر یا ذکر کے لکھنا۔	42,43	خطبہ حجۃ الوداع	دوسرا دن
		خطبہ حجۃ الوداع کی روشنی میں عورتوں کے حقوق و فرائض لکھنا + کتاب پر مشق حل کرنا	44,45	خطبہ حجۃ الوداع کی اہمیت	تیسرا دن

ورک شیٹ نمبر 1

سوال نمبر 1۔ آپ ﷺ کس تاریخ کو مکہ مکرمہ کے لئے روانہ ہوئے؟

جواب:

سوال نمبر 2۔ اطاعت امیر کی اہمیت میں آپ ﷺ کا کیا ارشاد ہے؟

جواب:

سوال نمبر 3۔ خطبہ حجۃ الوداع کے موقع پر آپ ﷺ نے صحابہ کرام سے کس بات کی گواہی لی؟

جواب:

سوال نمبر 4۔ امانت سے متعلق ایک حدیث بیان کریں۔

جواب:

سلیبس دوسرا ہفتہ

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
ناظرہ قرآن مجید پارہ نمبر 15,16,17 کی پڑھائی کریں۔ نبی کریم ﷺ کے وصال پر مضمون اپنے الفاظ میں لکھیں۔	کتابی مواد + ورک شیٹ	حفظ و ترجمہ سورة البقرة آیت 286	7	القرآن الکریم	پہلا دن
		سبق کی بلند خوانی کرنا۔ مختصر سوالات کے جوابات زبانی تحریر کرنا۔	48,49	وصال	دوسرا دن
		تفصیلی سوالات کے جوابات یاد کر کے لکھیں۔	49	وصال	تیسرا دن

ورک شیٹ نمبر 2

سوال نمبر 1۔ جملے مکمل کریں۔

- 1۔ حجۃ الوداع سے فارغ ہو کر آپ ﷺ لے آئے۔
- 2۔ آپ ﷺ 9 صفر 11 ہجری کو ہو گئے۔
- 3۔ اے لوگو! اگر کسی کا مجھ پر کوئی ہے تو مجھ سے لے لے۔
- 4۔ وصال کی خبر سے ہی صحابہ کرامؓ ہو گئے۔
- 5۔ اب صرف بڑا درکار ہے۔

سوال نمبر 2۔ درست جواب کی نشاندہی کریں۔

- 1۔ آپ ﷺ کا وصال کتنی عمر میں ہوا؟
- 2۔ وصال کے وقت آپ ﷺ کس ام المؤمنین کے حجرے میں تھے؟ حضرت حفصہؓ، حضرت عائشہؓ، حضرت جویریہؓ، حضرت ام سلمہؓ
- 3۔ آپ ﷺ کا وصال کس سن ہجری میں ہوا؟
- 4۔ آپ ﷺ کس مہینے میں بیمار ہوئے؟
- 5۔ وصال کے وقت کس صحابی نے امت مسلمہ کو سنبھالا؟ حضرت ابوبکرؓ، حضرت عمرؓ، حضرت عثمانؓ، حضرت علیؓ

سلیبس تیسرا ہفتہ

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
ناظرہ قرآن مجید پارہ نمبر 18,19,20 کی پڑھائی کریں۔	کتابی مواد + ورک شیٹ	حفظ و ترجمہ سورۃ طہ آیت 25 تا 28	8	القرآن الکریم	پہلا دن
کن لوگوں کی مالی مدد کی جا سکتی ہے۔ فہرست بنائیے۔		سبق کی بلند خوانی کرنا۔ سورۃ الہمزہ کی آیت نمبر 2 تا 4 کا ترجمہ تحریر کرنا + تفصیلی سوالات یاد کرنا۔	53	سخاوت کی فضیلت اور بخل کی مذمت	دوسرا دن
		سوالات کے جوابات جزو 1+2 یاد کر کے لکھنا۔	54	سخاوت کے معاشرتی فوائد	تیسرا دن

ورک شیٹ نمبر 3

سوال نمبر 1۔ سخاوت کی تعریف میں ایک حدیث لکھئے۔ (ترجمہ)

جواب:

سوال نمبر 2۔ بخل سے بچنے کے متعلق حدیث لکھئے؟

جواب:

سوال نمبر 3۔ سخاوت کے بارے میں ایک قرآنی آیت لکھیں۔

جواب:

سوال نمبر 4۔ سخاوت کے تین معاشرتی فوائد لکھیں۔

جواب:

سلیبس چوتھا ہفتہ

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
اپنی روزمرہ زندگی میں آپ کن کن کاموں میں میانہ روی کا مظاہرہ کرتے ہیں۔ چارٹ تیار کریں۔ + سورۃ بنی اسرائیل کی آیت نمبر 29 بمعہ ترجمہ خوش خط لکھیں۔	کتابی مواد + ورک شیٹ	بلند خوانی میانہ روی سے متعلق سورۃ لقمان کی آیت نمبر 19 بمعہ ترجمہ زبانی لکھنا + میانہ روی کا مفہوم اور عبادت میں میانہ روی حدیث کے ذریعے تحریر کریں۔	58	عبادات میں میانہ روی	پہلا دن
		معاشرتی زندگی میں میانہ روی پر نوٹ لکھیں۔	58,59	معاشرتی زندگی میں میانہ روی	دوسرا دن
		تفصیلی سوالات کے جوابات یاد کر کے لکھیں + کتاب پر مشق حل کریں۔	59,60	معاشرتی زندگی میں میانہ روی	تیسرا دن

ورک شیٹ نمبر 4

سوال نمبر 1۔ سورۃ الفرقان کی وہ آیت تحریر کریں جس میں اعتدال کو اپنانے کا ذکر ہے۔

جواب:

سوال نمبر 2۔ میانہ روی سے متعلق حدیث مبارکہ تحریر کریں۔

جواب:

سوال نمبر 3۔ میانہ روی اپنانے سے انسان کے کردار میں کیا تبدیلیاں آتی ہیں؟

جواب:

سلیبس پانچواں ہفتہ

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
آپ کے خیال میں مساوات نہ ہونے کی صورت میں معاشرے میں کون کون سی برائیاں جنم لے سکتی ہیں۔ چارٹ بنائیے۔	کتابی مواد + ورک شیٹ	بلند خوانی + سورة الحجرات آیت نمبر 13 ترجمہ یاد کر کے لکھنا + تفصیلی سوالات کے جوابات یاد کر کے لکھنا۔	63	مساوات	پہلا دن
		کتاب پر مشق حل کرنا + مختصر سوالات کے جوابات زبانی تحریر کرنا۔	64	مساوات	دوسرا دن
		بلند خوانی + انبیاء کرام کے کام تحریر کرنا + نبی کریم ﷺ کے اپنے کام خود کرنے کی تین مثالیں تحریر کرنا + کتاب پر مشق حل کرنا۔	68	محنت کی عظمت + اسوۂ انبیاء کرام	تیسرا دن

ورک شیٹ نمبر 5

سوال نمبر 1۔ جملے مکمل کریں۔

- ۱۔ اسلام میں تمام انسان.....ہیں۔
- ۲۔ تمام انسان.....کی اولاد ہیں۔
- ۳۔ اسلام میں عزت کا معیار.....ہے۔
- ۴۔ حج کے موقع پر تمام مسلمان ایک جیسا.....پہنتے ہیں۔
- ۵۔ تم سب آدم کی اولاد ہو اور آدم.....سے بنے تھے۔

سوال نمبر ۲۔ نبی کریم ﷺ کی زندگی سے ہمیں محنت کی عظمت کا کیا سبق ملتا ہے؟

جواب:

سوال نمبر ۳۔ حضرت علیؓ کے روزگار کا ذریعہ کیا تھا؟

جواب:

سلیبس چھٹا ہفتہ

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	دن
روزمرہ کے کاموں میں اپنے والدین کا ہاتھ بٹائیں اور ان کی تفصیل چارٹ پر لکھیں۔ آپ اپنے ماحول کو کس طرح صاف ستھرا رکھ سکتے ہیں۔ 6 نکات چارٹ پر لکھیں۔	کتابی مواد + ورک شیٹ	تفصیلی سوالات کے جوابات زبانی تحریر کرنا + مختصر سوالات یاد کرنا۔	69	صحابہ کرامؓ کا طرز عمل + محنت کے فوائد	پہلا دن
		بلند خوانی + زمینی آلودگی اور فضائی آلودگی پر زبانی نوٹ تحریر کرنا۔	73	ماحول کی آلودگی اور اسلامی تعلیمات فضائی اور زمینی آلودگی	دوسرا دن
		آبی آلودگی + صوتی آلودگی کی تعریف اور وجوہات زبانی تحریر کرنا۔	68	آبی آلودگی + صوتی آلودگی	تیسرا دن

ورک شیٹ نمبر 6

سوال نمبر 1۔ کالم ملائیے۔

کالم (الف)

پاکیزگی

شور کی آلودگی سے

صفائی کا خیال رکھنا

ماحولیاتی آلودگی

کالم (ب)

نفسیاتی مسائل بڑھ رہے ہیں

ایک عالمگیر مسئلہ ہے

نصف ایمان ہے

صرف حکومت کا کام ہے

سوال نمبر 2۔ سورة التوبہ کی آیت نمبر 108 بمعہ ترجمہ زبانی تحریر کریں۔

جواب:

سوال نمبر 3۔ سورة لقمان کی آیت نمبر 19 بمعہ ترجمہ تحریر کریں۔

جواب:

اُردو

پہلا ہفتہ:

سر گرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	پہلا دن
اپنی پسند کے تین پہلوں کی تصاویر بنائیں اور انکی خصوصیات لکھیں	کتابی مواد (ورک شیٹ)	بُوند خوانی مشکل الفاظ کی املا + معانی	۳۴ تا ۳۷	بادشاہ کون	پہلا دن
		سوالات کے جوابات تحریر کریں	۳۷	بادشاہ کون	دوسرا دن
		درخواست برائے فیس معافی	-	قواعد و انشاء پردازی	تیسرا دن

ورک شیٹ

مذکر اور مونث الفاظ الگ الگ کریں۔

لمحہ	ملتان	شہر	برس	مری	کے ٹو
کپڑا	فارسی	موتی	منگل	عربی	مغرب

مذکر الفاظ:

مونث الفاظ:

دوسرا ہفتہ:

سر گرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	پہلا دن
میجر عزیز بھٹی شہید کے بارے میں ایک ڈاکومنٹری فلم دیکھیں اور ان کے حالاتِ زندگی کے بارے میں لکھیں	کتابی مواد ورک شیٹ	بُوند خوانی مشکل الفاظ کی املاء + معانی	۳۹ تا ۴۱	وطن کا سچلا جوان	پہلا دن
		سوال نمبر ۱، ۲	۴۲	وطن کا سچلا جوان	دوسرا دن
		اسم صوت کی تعریف لکھیں اور مثالیں دیں	-	قواعد و انشاء	تیسرا دن

ورک شیٹ

مندرجہ ذیل جملوں کو درست کر کے لکھیں۔

۱. تاج محل سنگ مر مر کے پتھروں سے بنی ایک خوبصورت عمارت ہے۔

۲. شب قدر کی رات میں مسلمان عبادت کرتے ہیں۔

۳۔ غرباؤں کی مدد کرنا کارِ ثواب کا کام ہے۔

۴۔ بعض آ جاؤ ضد کرنی اچھی نہیں۔

۵۔ یرائے مہربانی کر کے آپ خط کا جواب جلد دیں۔

تیسرا ہفتہ:

سر گرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	
اپنی پسند کا ملی نغمہ تحریر کریں۔	کتابی مواد (ورک شیٹ)	بلند خوانی مشکل الفاظ کی املاء	۴۵،۴۶	وطن کا ترانہ	پہلا دن
-		مشقی سوالات ۱ تا ۳	۴۷	وطن کا ترانہ	دوسرا دن
شجر کاری کے عنوان پر مضمون لکھیں		اسم صوت کی تعریف لکھیں اور مثالیں دیں	-	انشا پردازی	تیسرا دن

ورک شیٹ

سوال نمبر ۱۔ جدید ٹیکنالوجی میں کون کون سی چیزیں شامل ہیں؟

سوال نمبر ۲۔ اس ٹیکنالوجی نے ہماری زندگی پر کیا اثرات مرتب کیے ہیں؟

سوال نمبر ۳۔ جدید ٹیکنالوجی کے استعمال میں کس احتیاط کی ضرورت ہے؟

چوتھا ہفتہ:

سر گرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	
اپنی پسند کی کوئی کہانی پڑھیں اور اس کی پانچ اچھی باتیں لکھیں	کتابی مواد (ورک شیٹ)	بلند خوانی مشکل الفاظ کی املاء + معانی	۴۸ تا ۵۲	دادی زمانی	پہلا دن
		سوال نمبر ۱،۲	۵۲،۵۳	دادی زمانی	دوسرا دن
پبلک ٹرانسپورٹ کے فائدے لکھیں۔		اپنے خاندان کی کسی بزرگ ہستی کے بارے میں لکھیں	-	انشاء پردازی	تیسرا دن

ورک شیٹ

عبارت میں خط کشیدہ الفاظ کی جمع بنا کر ان کی مناسبت سے عبارت میں ضروری تبدیلیاں کر کے دوبارہ لکھیں خیال رکھیے واہد میں ہر دو جمع میں اس کی جگہ تمام استعمال ہو گا۔
 اللہ تعالیٰ نے ہر مرض کی دوا مختلف شے میں رکھی ہے ہر قسم کی جڑی بوٹی میں شفا ہے فرد کو چاہئے شجر و جنس بلکہ وہم سے بھی گریز کر کے اللہ تعالیٰ کے نور سے عمل کو بہتر بنائے۔

پانچواں ہفتہ:

سر گرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	
چند اردو روزناموں (اخبارات) کے نام تحریر کریں	کتابی مواد ورک شیٹ	بلند خوانی مشکل الفاظ کی املاء	۶۱ تا ۵۵	گیدڑ کی تلاش	پہلا دن
-		مشقی سوالات ۳ تا ۱	۶۳، ۶۲	گیدڑ کی تلاش	دوسرا دن
شجر کاری کے عنوان پر مضمون لکھیں		جمع اور اسم میں فرق بیان کریں	-	قواعد	تیسرا دن

ورک شیٹ

سوال: دیئے گئے محاورات کے جملے تحریر کریں۔

۱. آستین کا سانپ:.....

۲. سبز باغ دکھانا:.....

۳. آب آب ہونا:.....

۴. قلم بند کرنا:.....

۵. آسمان سر پر اٹھا لینا:.....

۶. بال بال بچنا:.....

چھٹا ہفتہ:

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	
کسی شادی کی تقریب کا احوال بیان کریں	کتابی مواد	بلند خوانی مشکل الفاظ کی املاء	۶۷ تا ۷۱	چین کی بانسری	پہلا دن
-		مشقی سوالات ۱ تا ۳	-	چین کی بانسری	دوسرا دن
متوازن غذا کے عنوان پر مضمون لکھیں		مشقی سوالات ۴، ۵	-	قواعد	تیسرا دن

مندرجہ ذیل سابقوں سے تین تین الفاظ بنائیں۔

لفظ ۳	لفظ ۲	لفظ ۱	سابقے
			مالی
			شاہ

مندرجہ ذیل لاحقوں سے تین تین الفاظ بنائیں۔

لفظ ۳	لفظ ۲	لفظ ۱	لاحقے
			آمیز
			ساز