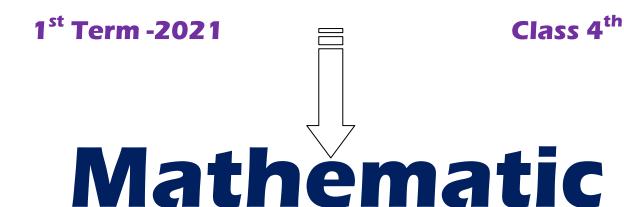
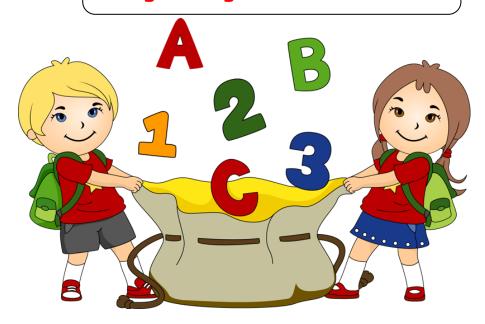
WORK SHEET



1st Term Syllabus

Pg # 1 – Pg # 35 , Tables 1 - 12



<u>نوٹ</u> یہ ورک شیٹ حتمی نہیں ہے۔فرسٹٹرم کے امتحان کے لیے سلیبس اور درسی کتب کے مطابق تیاری کروائی جائے۔شکریہ

Unit 1: **Numbers and Arithmetic Operations**

Exercise 1(a)

1.	Fill	in	the	b	lanks	Š.
				\sim	. w	•

Ι.	Fill in	tne blan	KS.				
	a) in 49,	852,610,	the p	olace va	lue of the rir	nged digit is	
	b) 5,000	,000+200	,000-	+00,000+	0000+400+5	0+9=	
	c) Insert	space	to	express	725895213	internation	al number
	systei	m					
	d) The p	oredeces	sor o	f 8,001,0	01 is		
	e) The s	uccessoi	of 2	,316,999	is	_	
2.	State	whether	the f	ollowing	are true or	false.	
	a) The p	redeces	sor o	f 60,000,0	000 is 60,000	,999 ()	
	b) The su	uccessor	to 18	39,561,10	00 is 189,561,	200 ()	
	c) A nur	mber at o	one r	million pla	ace has six z	eroes on its	right. ()
	d) Place	e value is	the	value of	position of c	a digit in a n	umber ().
	e) The p	lace val	ue of	6 in 10,6	882,817 is 600),000 (_)
3	. Selec	t the cor	rect	answer f	rom the give	en options.	
	a)The p	redeces	sor o	f 6,1,15,9	99 is		
	a.6,0°	15,999	b.6,	115,989	c.6,115,9	98 d.6,11	6,000

- b. Eighty million, four hundred and ninety thousand in figures is
- a. 80,490,000 b.80,400,9000 c.804,900,000 d.8,049,000
- c. The successor of 54,962,111is
- a. 55,062,111 b.64,962,111 c. 54,962,101 d.54,962,112
- d. 8,463,110 written in expanded form is
- a. 8+463+110
- b. 800 000 +400 000+60 000+3000+100+10
- c. 800 000+400+60+3+100+10
- d. 800 000+40 000+6000+300+10
- e. The predecessor of 7843002 is
- a.7,843,001 b.7,834,000 c.7,835,002 d.8,834,003
- 4. Write the given numbers in words.
 - a). 3,000,000
 - b). 140,000,000
 - c). 217,000,000
 - d) 50,000,000

5. Write in figures with correct spacing.
a) Nine million
b) Twenty four million
c) Seven hundred and five million
d) Ten million 9 hundred
6. Write the given numbers in words
a) 1,289,056
b). 27,389,100
c). 613,421,005
d). 497,560
7. Write the place value of the circled digit.
a) 789, 452,100
b) 25 6),943,100
c) 14,009,838
d) 8624(7)120

8.	Write	the	predecessor	of:-

a) 60,129,808 _____ b) 497,215,010____

c) 871,600,009_____d) 106,343,201_____

9. Write the successors of :-

a) 146,780,000 _____b) 59,899,989____

c) 917,245,985______d) 106,343,201_____

10. Write the numbers in expanded form.

a) 7,200,017

b). 83,153,206

c). 917,245,985

d). 164,205,789

11. Fill the blank with >, < or =

a). 6,984,529 6,894,529

b). 45,800,100 45,810,100

c). 359,412,025 359,412,125

	Exercise 1 (b)							
D.O=								
b). 10,153,215; 10,1	b). 10,153,215; 10,133,125; 10,142,215							
D.O=								
a). 69,245,823 ' 69,6	345,823 ; 69,045,823							
14. Arrange the giv	en numbers in descending order.							
A.O=								
b). 7,011,262;70,111	,162 ; 7,002,162							
A.O=								
a) 45,98,653; 45,288	8,653 ; 45,308,65							
13. Arrange the giv	en numbers in ascending order.							
c) 400,000,000+30,0	000,000+7,000,000+90+6							
b) 78,000,000+50,00	00+7000+600+50+3							
a) 6,000,000+900,00	00+20,000+5000+000+20+7							
12. Write numbers t	12. Write numbers that match the following expanded form.							
e). 100,985,263	99,985,265							
d). 6,800,152	6,800,152							

1. Fill in the blanks.

a) 10,000+6000+900+5_____

	b) 12,500	= 5600					
	c) 100 more than 99,990 equa	ls to					
	d)must be a	added to 100,050 to make 102,550.					
	e) 49,396	_10,086.					
2.	2. State whether the follow	ring are true or false.					
	a) 375 +405+163 equals 94	3 ()					
	b) 400 more than 69 843 is	69443 ()					
	c) 7000 less than 897,536 is	s 890,536 ()					
	d) Asif has rs.895,123 and	Fahad has Rs. 896,012 . Fahad has					
	more money that Asif ()						
	e) Anas spent rs.728,000 to purchase a car. Salman bought a car						
	for Rs.725,555, salman	paid more money for his purchase.					
	()						
3.	Select the correct answe	r from the given options.					
	a) The sum of the largest 4 - digit number is.	t 5 - digit number and the smallest					
	•	o) 100,999					
	c). 10,999	d) 1,000,999					
	b) 250,000 plus 25,000 is	s equal to					
	a) 275,000 b	o) 252,500					
	c) 50,000	d) 2525					

c) 2400+180+9 is equal to: -

a) 4290

b) 2409

c) 25 80

d) 2589

d) the difference between 99,999 and 1000 is equal to :-

a) 89,999

b) 80,001

c) 98,999

d) 8000

e) Take away 874,528 from 900,059:-

a) 25,531

b)36,531

c) 174,531

d)1,773,587

4. Add the following.

a) 43 846

b) 753 865

+169 530

5.. Write vertically and add.

6. Write the number which is :-

- a) 200 more than 1,25,000_____.
- b) 1000 more than 200,000 .
- c) 900 more than 4,60,100_____.
- d) 400 more than 509,600 ______.

7. Subtract the following:-

a) 7 46 389

b) 105 003

8. Write these vertically and subtract.

36,738 - 12,849a)

b) 500,000 - 360,824

9. Subtract 100 from each of the following number.

- a) 1,46,952 b) 500,000
- c) 305,103
- d) 810,000_____

10. Subtract 500 from each of the following number.					
a) 385,620 b) 284,320					
c) 505,400d) 69,010					
WORD PROBLEMS					
Read the problems carefully. Decide whether you should add or subtract to solve them. Write complete statements.					
 A factory made 64750 jute bags on Monday and 51,060 more on Tuesday. How many bags were made altogether? Solution. 					
2. In an election, Mr. Kamal got 1,56,720 votes and Mrs. Abid got 1,58,986 votes. Who got more votes and how many more? Solution.					
3. A Library has 46,918 books of English and 1,08,625 books of Urdu. What is the total number of books? Solution.					

4.	A shopkeeper earned Rs.1,70,920 in one year. If his expenses for
	the same year were Rs. 129,486, how much money did he save?
	Solution.

Exercise 1 (C)

- a) In 3256 x 928 ; 3256 is called the _____.
- b) The quantity by which the multiplicand is to be multiplied is known as ______.
- c) The number which divides a dividend is called a ______.
- d) 18, 400 ÷ 10 = _____

1. Fill in the blanks.

e) If the dividend is 348 and the divisor is 12 then the remainder is

2. State whether the following true or false.

- a) When 1485 is divided by 6 remainder is zero. (_____)
- b) In 429 ÷ 8, the number 429 is dividend. (_____)
- c) If we divide 3696 by 12, the quotient is 308. (_____)

	d) The product of two numbers is 274,800. If one of the numbers					
	is 100, the other number will be 27,480. ()					
	e) 1008 x 35 is 350, 280 ()				
3.	Select the correct answer fr	om the given options.				
	a) The result of multiplicat	ion of two numbers is called the:				
	a) Multiplier	b) sum				
	c) product	d) quotient				
	b) 1500 x 200 equals					
	a) 300	b) 300,000				
	c) 3000	d) 30,000				
	c) If we divide 4592 by 26 the remainder is					
	a) 6	b) 26				
	c) 16	d) 0				
	d) The number left in the er	nd of a long division is called the				
	a) divisor	b) dividend				
	c) quotient	d) remainder				
	e) If the cost of one book is 13 books we will.	Rs.35, then to find the cost of				
	a) multiply	b) add				
	c) divide	d) subtract				

4. Multiply the following:-

a) 61, 964

b) 8501

X 279

X 906

5.. Write vertically and multiply.

a) 72,562 x 169

b) 34, 571 x 843

6. Find the product.

a) multiplicand 5829, multiplier 431

7.. Divide the following

a)
$$28)4042$$

5. Write in long divisions form and divide.

6. Divide the following, then multiply to check.

a) Dividend 399, divisor 17

b) Dividend 82, 721 divisor 94

7. Write the quotients in the blanks.

WORD PROBLEMS

% Solve the problems. Writing complete statements.

1. A leaking tap wastes 3750 ml of water in 1 hour. How much water will be wasted in a day? Solution.

2. Rehan found out that he can save 4726 ml of water every day by not leaving the tap open continuously. during his bath. How much water can be saved in 25 days in this manner? Solution.

3. There are 1440 minutes in a day. How many minutes are therein 8 weeks? Solution.

Exercise 1 (d)

1. Fill in the blanks.

b)
$$9 + 5 - 4 \times 2 =$$

c) _____x
$$5 \div 5 = 10$$

d)
$$8 + 9 - 6 - 5 =$$

2. State whether the following are true or false.

a)
$$9 + 1 - 6 = 4$$

b)
$$4 \times 5 - 3 =$$

c)
$$49 \div 7 \div 10 = 17$$

d)
$$54 - x 10 \div 5 = 46$$

e)
$$3 \times 2 + 4 - 3 = 9$$

3. Select the correct answer from the given options.

$$a)3 \times 5 + 8$$

b)
$$2 \times 4 + 8 - 9$$

c)..
$$10 \div 5 \times 6 + 5$$

d)
$$18 - 4 + 9$$

e)
$$4 + 8 \times 3 - 20$$

4. Solve.

c) 91 - 45 - 30

d) 144 ÷9 x 4

5. Solve.

- a) 524 + 48 62
- ____
- b) $100 75 \div 5$
- ____
- c) 70 7 x 10
- ____
- d) $28 \div 4 + 24$
- ____

6. Solve.

- a) 9 x 5 15 +8
- ____
- b) $4 + 9 \div 3 \times 5$
- ____
- c) $72 + 8 4 \times 2$
- ____
- d) $7 \times 6 8 + 15 \div 3$
- ____
- e) $42 + 8 9 \times 5$
- f) $36 \times 9 \div 3 + 8$
- ____
- g) 120 ÷ 12 x 3 15
- ____

CHAPTER – 2

FACTORS AND MULTIPLES

Exercise 2 (a)

1.	Fill	in	the	h	an	ks
4.			uic	v	an	73.

	a)	A number is divisible byif it has 5 at the unit
		place.
	b)	156 is divisible by, and
	c)	If a number has 0 at the unit place, it is divisible by
		, and
	d)	If the sum of the digits is divisible by 3, then the number
		itself is divisible by
	e)	All even numbers are divisible by
2.	S	tate whether the following are true or fals.
	a) 20,589 is divisible by 3
	b) 160 is divisible by 2.
	C) 225 is divisible by 5 and 10
	d) Any number which is divisible by 10 is divisible by 5
	е) 5563 is divisible by 5.

3.	3. Select the correct answer from the given options.						
a) 6234 is divisible by							
	a) 5	b) 2 and	3	c) 2 and 1	10	d) 2 and 5	
b)4600 is divisible by :-							
a) 5 only		b) 2 and	b) 2 and 10 c) 2		5	d) 2,5 and 1	.0
c) 525 is divisible by							
	a) 5 and 3	b) 2 and	5	c) 5 only		d)10	
	d) a numb place is:-	er can be	divid	ed by 5 if	the d	igit at the u	nit
	•	b) 5 or 0	b) 5 or 0 c) 5 only		d) odd but not 5		
e) 5 x 3 is divisible by :-							
	a) 5 and 3	b) 5 only		c) 3 only		d) 2 only.	
4. V	Which of the fo	ollowing n	umbe	rs are div	isible	by 2?	
a) 2	200 b) 12	26	c) 42	27	d) 18	37	
c) 1	34 f) 20	32	g) 1	39	h) 34	45	
5. \	Which of the fo	ollowing n	umbe	rs are div	isible	by 3?	
a) 6	527 b) 23	358	c)13	0	d) 36	512	
6. V	6. Which of the following numbers are divisible by 5?						
a) 2	.900 b) 69	954	c) 40	085	d) 84	10,050	
7.	Which of the	following	num	bers are d	livisit	ole by 10?	
a) 7	'281 b)81	,080	c) 10	0,000	d) 90	0,005	
							20

Exercise 2 (b)

2971

4720

1. Fill in the blanks.

a) Composite numbers have more than ________Factors. b) Each prime number has exactly ________Factors. c) ________ is neither prime nor a composite number. d) 50 is a _______ number. e) Every prime number except ______ is odd. 2. State whether the following are true or false. a) 10 is a prime number . (______) b) 1, 3 and 13 are factors of 13 (______)

21

C	e) 8 is a composite number because it has four factors. ()							
d) 45 is a co	omposite numbe	r	()			
е) 18 is a pr	rime number be	cause it has tw	o factors only. ()			
3. S	3. Select the correct answer from the given options.							
a	a) The smallest prime number is : -							
	a) 6	b) 1	c) 2	d) 3				
	b)The co	omposite num	bers have:-					
	a) One fa	octor	b) more than two factors.					
	c). two fa	actors	d) uncountable factors.					
	c) the la	rgest prime n	number less than 30 is :-					
	a) 23	b) 21	c) 20 d) 29					
	d) 47 is	:-						
	a) a prim	e number	b) a fac	ctor of 50				
	c) an eve	n number	d) a composite number					
	e) 38 is	:-						
	a) a comp	posite number	b) a mu	ıltiple of 9				
	c) a prim	e number	d) an o	dd number				

4. Check whether the numbers given in the table below are
prime or composite. Write (P) for each prime number and
(C) for each composite number.

a) 15	b) 31	c) 24	
d) 31	e) 25	f) 32	
g) 29	h) 3	i) 37	
j) 17	k) 45	l) 11	
m) 18	n)33	o) 25	
p) 54	q) 35	r) 83	
s) 57	t) 41		

5. Which of the following are co-prime numbers?

- a) 3 and 5
- b) 31 and 62

c) 4 and 9

- d) 14 and 25
- e) 36 and 49

f) 72 and 55

- g) 40 and 4
- h) 5 and 10



1. Fill in the blanks.

- a) _____is a factor of all numbers.
- b) Factors of 6 are _____.
- c) 1,2 are factors of ______.
- d) The factors of 20 are 1,2,4,5, 10 and ______.

e)	13 is a factor	of	·					
2.	2. State whether the following true or false.							
a)	a) 7 is a factor of 45. ()							
b)	b) If a number divides another number completely, then the first							
	number is a factor of the other number. ()							
c)	6 and 8 have	an equal nu	ımber of facto	rs. ()				
d)) A number is a	lways a fac	tor of itself.	()				
e)) 45 is a factor	of 9		()				
3.	Select the co	orrect ans	wer from the	e given options.				
	a) 2 nd and 7 are factors of:-							
	a) 3 b)	d) 2						
	b) 10 is not a	a factor of	:-					
	a) 32	b) 240	c) 20	d) 60				
	c) all possi	ble factors	of 50 are :-					
	a) 10,5	b)1	,2,5,10,25 and	d 50				
	c) 1,5,25,50	d) 5	5,10,50					
	d)8 is not a factor of :-							
	a) 2	b) 8	c) 16	d) 32				
	e) Which of	the follow	ing is a facto	or of every number?				
	a) 0	b) 1	c) 2 d	I) 10				

4. Find the fa	ctor of follow	ing num	bers:-	
a) 9				
b) 11				
c) 24				
d) 35				
e) 18				
f) 21				
5 Write Yes	or No.			
a) Is 2 a fac	tor of 36?		-	
b) Is 7 a fac	tor of 45?		-	
c) Is 6 a fac	tor of 66?		-	
d) Is 20 a fa	ctor of 100?		-	
e) Is 16 a fa	ctor of 64?		-	
	n the factors number have	?	numbers	y factors
b) 36				
g) 54				
h) 32				
i) 45				
j) 50				

Exercise 2 (d)

1.	ı	Fill in the blar	nks.			
	a)	2, 3 ,5 are prim	e factors of		<u>.</u>	
	b)	The prime facto	ors of 41 are 1an	d	·	
	c)	There are	prime fac	ctors of 58.		
	d)	The prime facto	ors of 10 are	and _	·	
	e)	Prime factor car	n never be a	numbe	r.	
2.	ı	State whether	r the statemen	t true or fa	alse.	
	a)	The prime factor	of a number div	ides the num	nber comp	oletely. ()
	b)	The prime factor	ors of 100 are 2,3	3,5,10.		()
	c)	A factor tree is	used to find pri	me factors.		()
	d)	Prime factors of	numbers are pr	rime numbe	rs.	()
	e)	2 is the only pri	me factor of the	number 6.		()
3.	ı	Select the cor	rect answer fr	om the giv	en optio	ons.
		a) 3,3,3 and 5	are prime fact	tors of :-		
		a) 27	b) 45	c) 15	d) 135	
		b)The prime f	actors of 110	are:-		
	a۱	5 11	h) 2 5 11	c) 2 2 5 5	ď١	2 and 55

b)c)The prime factors of 50 are 2,5 and :-						
a) 2	b)1	c) 5	d) 10			
d) the p	rime factor is a	always:-				
a) a prime	number	b) the sm	nallest factor			
c) a compo	site number	d) the big	ggest factor			
e) prime f	factorization n	neans.				
a) dividing	the number into	two parts				
b) finding t						
c) multiplyi	ng the number	with prime nun	nbers.			
d) breaking	g a number into	prime factors.				
4. Draw factor numbers.	trees to show	the prime fa	ctors of the given			
a) 15		b) 20				
c)14		d)8				

e) 21

f) 16

g) 42

h) 30

4. Draw as many different factor trees as you can to show prime factors of these numbers.

a) 40

i)

ii)

iii)

b) 60 i) iii) ii) c) 24 i) ii) iii) d) 72 i) iii) ii) iv)

5 .	Find the prime factors of these numbers using the
	division method.

a) 84

b) 117

c) 333

d) 126

e) 520

f) 99

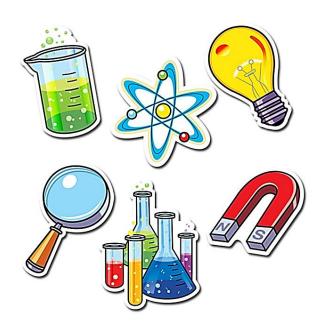
NOTES + WORKSHEET

Class 4th

1st Term 2021

G. SCIENCE





NOTES G. SCIENCE CLASS 4TH

Unit #1.

The Human Body 0#1:- What are the main functions of skeleton? Ans: - The main functions of skeleton are 1- It gives strength and support to the body 2. It gives shape to the body. 3-It allows us to stand and move 4. It protects internal organs of body. Q#2a-What is joint? Which two types of joints have been discussed in this unit? Where is each of them found in the body. Ans: A joint is a place in a body. where two or more bones meet. The two types of joints are 1-Ball and Socket joint. 2- Hinge joint Ball and socket joint is found in shoulder and hip. Hinge joint is found in about and knee. 0#2 b. Write any one activity you can perform with the help of these joints?

Ans: We can walk with the help of these joints. 0#3:- Differentiate between voluntary and involuntary muscles and give an example of each. Ans:- Voluntary muscles: The muscles which are under our control are called voluntary muscles for example skeletal muscles. Involuntary muscles: The muscles which are not under our control are called involuntary muscles. They do their work automatically. For example cardiac and smooth muscles 0#4: How many types of muscles are there Describe each of them with an examples? Ans: There are three types of muscles 1. Smooth muscles: Smooth muscles make up the internal hollow organs of the body. for example muscles of stomach and intestine

2 -- ... diac muscles:-The muscles which make up the heart are called cardiac muscles. for example heart muscles. 3- Skeletal muscles:-The muscles which are joined to the bones are called skeletal muscles. For example muscles of arms and legs. Q#5 Suggest any two ways to take good care of muscles and bones? Ans: Two ways to take good care of muscles and bones are 1- Eating right kind of food. 2-Doing plenty of exercise Exercise unit #1 (answers) .1 - Choose the correct answers .1-C ii-b iii-c ixd v.d 2. Fill in the blanks i tissue ii- Cardiac iii) joint. IV- ligament v hinge visball and socket vii) smooth viii) skeletal ix smooth 3. Matching i-b ii d iii a ive

Unit #2. Food and Balanced Diet 0#1:- Why do we need food? Ans: - We need food to get energy 0#2:- What do proteins do for the body? Ans:- Proteins give energy to the body. They help our body to build up and repair tissues and muscles. They help the body to grow Q#3. Why does the body need carbobydrates Ans: The body needs carbohydrates because they give us energy. 0#4:- How do dietary fibres help in digestion? His: - Dietary fibre helps to move waste through the digestive system 0 #5:- In what ways are vitamins good for the body? Ans:- Vitamins keep bones and skin healthy. They help eyesight, give energy and prevent infections.

0#6:- What do we mean by	2
balanced diet?	
Ans:- A balanced diet mea	ns
eating the right variety of	
foods in the right amount	-
0#7:- How much water	
needed by the body every o	ay?
Does this means we have to	
drink that amount?	
His:- The body needs six t	1.1
eight glasses of water every	day.
We have to drink plenty of u	
We also get water from fruits	and
vegetables.	
Exercise unit #2. (Ansu	vers)
01:- Choose correct answers.	
i-b ii-a iii-d iv-a v-d	
02. Find odd one out	
i_ jam, not a dairy product ii-carrot, ar iii_ sugar cane, stem iv_onion, abulb v_1	too
iii sugar cane, stem iv-onion, abulb v.	vood, not food
03- Put two words in each column	•
Protein carbohydrates Fats VI	tamins
Protein carbohydrates fats Vi egg cereals butter	sunshine
nuts carrot chocobate	lemon.
04 Frying :- nuggets . Kabab so	ımosa.
104 Frying: - nuggets, kabab, so baking: - cake biscuits, pizz	9 6)
	36

Unit #3.	
Digestion.	
O#1:- Name four types of teeth? Ans: 1) Incisors 2) Canine 3) Molars	
Ans: 1) Incisors 2) Canine 3) Molars	
4) riemolars.	
0#2:- What are intestines and	
what are their functions	
Ans: Intestines are tubes that carry food from stomach to anus.	
food from stomach to anus.	
Function of intestestin:	
Digested food is absorbed from walls of small intestine and water	
walls of small intestine and water	
is absorbed from walls of large	
MIESTINE -	
0#3:- What is Saliva. How does	
it help digestion?	
O#3:- What is Saliva. How does it help digestion? Ans:- Saliva is a liquid produced by salivary glands in mouth: It starts the digestion of	
by salivary glands in mouth:	
It starts the digestion of	
carbohydrates in mouth.	
Q#4:- What does the liver do?	
Ans: - The liver has many functions.) It helps to filter the blood	
) It helps to filter the blood	-
) It stores food energy	
It produces a digestive juice	a
It stores food energy It produces a digestive juice a called bile.	
	/

O#5:- How do the nutrients from food get to the different parts of the Ans: Digested food nutrients passes from the walls of intestine to blood. blood provide these nutrients to every cell of body 0#6: - What is bile? Where in body is it produced and stored Ans: Bile is a digestive juice. The bile is produced in liver and stored in gall bladder. 0#7:- Which foods are easi to digest. Make a list of food you think are easy to digest and those which are not His: Carbohydrates are easier digest foods easy to digest: a 1- grain 4 potato 5 speghetti

Name of the last o	Food not easy to digest.	
The second of	1 oil	our townsteen and draw
12 72 -	2 Sweets	granger received and described
	3 beaf	to Property and a second
plange resident schools. All N	y mutton	
	Exercise unit #3.	
- 33 - A - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	1- Choose the correct option.	
DV TOTAL TOTAL	i-d ii-c iii-a iv-b v-d	
	2. Match the following.	
po-photocol from the control of	i_b ii_d iiI_e iv_c v_f vi_a	
	3. Fill in the blanks.	
spanning spanner trainer.	i Saliva ii acid iii water, faeces	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
the transport of the distriction	iv bile v tongue vi-liver, gall blado	er_
***************************************	vii starches	
	4_ Mark these sentences with	
	i v or X	
tions and a second second	The state of the s	
7		1.

	Unit #4	:
	Characteristics of living things.	• :
	Characteristics of living things	
	plants and animals rely on each.	
	other?	
	Ans: - 1_ Plants provide food and.	
	oxygen to animals.	
	2- Animals provide carbon di-	
, es l'opport en	oxide and manure to plants.	
	0#2- What is the function of	THE PARTY OF THE P
	vacule?	· , · · · · · · · · · · · · · · · · · ·
	Ans:- The function of a vacule	and the same of
· · · · • •	is to store food, water and	
wastes and	waste substances.	
J	Q#3. Do plants respire?	
	Ans:- Yes, plants respire	indjereth maj projektojnemjojnek s
. 1118	Q#4. What things do plants need	
	to make their own food? What	
	do they use the food for-	
	Ans:- Plants need water, carbon	
v	di-oxide and sunlight to make their	
	own food.	
	They use the food to	<u></u>
	grow.	
	Ous:- Where do animals get energy from	[-
Providence provide a series of part	O#5:- Where do animals get energy from Itus: Animals get energy from food	
Harris and the American State of the State o	10	
		40

food not easy to digest.	
1 oil	
2 Sweets	
3 beaf	
y mutton.	
Exercise unit #3.	
1- Choose the correct option.	
i-d ii-c iii-a iv-b v-d	
2. Match the following.	
i_b ii_d iiI_e iv_c v_f vi	i-a.
3. Fill in the blanks.	
i Saliva ii acid iii water, faec	es
iv-bile v-tongue vi-liver, gall	bladder
vii_ starches.	
4_ Mark these sentences with	
9- Wark these sentences will	
or A	
i- X iii-X	
iv- V-X	A

Q#6:- How long does it take a newborn calf to get up and walk? Ans:- A newborn calf takes thirty minutes to get up and Q # 7: What are the stages in life cycle of a cockroach? His:- There are three stages the life cycle of cockroach 1-egg. 2-nymph 3-adult. Q#8:- Explain how you know that humans are a different Species to other animals? Ans:- Humans are a different species to other animals due to lots of variation in body organs and due to wisdom Exercise Unit # 31 (Ans 1. Chapse the correct option. 11-C jil-b 2. Fill in the blanks. i oxygen, carbon-di-oxide ii food. iii- a eat b respire c excrete d-have sensitivity e move f- grow g- reproduce

	iv-depend v-oxygen. 3- Mark these sentences with vor X'
	$i - \times ii - \vee iii - \vee \vee \times \vee \times$
	4- Find one word for each sentence.
owner course	i- oxygen ii-locomotion iii- excretion
	iv_ Spawn v_ fry.
	Activities
constant states	Unit #1 Draw a Skeleton
	and label the bones.
	Unit # 2:- Take a chart
	paper and draw food
	pyramid on it.
	Unit 4 3: 0 Complete these
	Unit # 3:a) Complete these in complete words (Using Vowels)
	in complete was as a country vowers
	i) 6_C1_K
	ii) PL Q iii) F_LL NG
	iv) T TH V)- C-N-N-
	vi) NT_ST_N
	vii) P_NCRS
	viii) K DN X
	IX) V T M NS
	XIM N P I

and the confidence of the conf		3
	b)- Un scramble these words to	
production of the state of the state of	make meal names.	,
	i. CHUNL	
	ii_ FASTKREAB.	
RESULTED BASIS COMMUNICATION	iii_ ERDNIN.	
	IV_ FASFT	
Market St. Programme	Unit #4	
The state of the s	Draw and label the	
	life cycles of butterfly, fish and frog.	
	l py J.	A
	Prepared Spirite	and I
TOTAL PROPERTY OF THE PROPERTY	Green Borin Ca	
terrolegister auch de desembles auch	MSOOT	
		A SERVICE
	Labelings:-	
Management of the second	1 + 40	0
Printer September Committee (Committee)	1 The digestive System . pg #2	1
	2 Types of teeth. Pg #2	
	1. The digestive system · pg #2 2 - Types of teeth · pg #2 3. Life cycle of flowering Pg #3 plants	38
	plants	

G. SCIENCE WORK SHEET CLASS 4TH

UNIT # 1 THE HUMAN BODY

1 .	Choose	the co	rroct a	SWAL
	CHUUSE	LIIE CO	iiettai	ISVVCI.

1. (noose the co	orrect answer.		
i.	Which kind o	of tissue gives shape to	o the orga	ns and holds
	them in plac	e.		
	a) Connectiv	e b) heart	c) muscu	lar d) cardiac
ii.	Cardiac mus	cles make up which o	gan?	
	a) Lungs	b) heart	c) eyes	d) liver
iii.	What are the	e muscles that perforn	n their jobs	s with out you
	even thinkin	g about them called.		
	a) Voluntary	muscle	b) biceps	
	c) involuntar	y muscles	d) skeleta	al muscles.
iv.	What makes	our bones strong.		
	a) Exercise	b) calcium rich food	c) milk	d) all of them
٧.	The smallest	bone of the body is it	n the	
	a) Eye	b) heart	c) nose	d) ear
2. F	ill in the bla	nks.		
i.	Bone is an e	xample of a	·	
ii.		muscles contrac	t and relax	k when pumping
	blood around	d the body.		
iii.	's body wher	re two or more bones	meet is a_	
iv.	The tissue th	nat joins two bones to	gether is k	nown as

٧.	The joint which moves apart of our body in one direction only
	is known as ajoint.
vi.	The joint that can move apart of our body in a circular direction
	is known as ajoint.
vii.	The stomach is an example of a muscles.
viii.	The muscular system works with thesystem to help
	you move.
ix.	muscles make up the internal hollow organs
	in the body.

3. Match the definitions in column "A" with terms in column "B"

	Column A	Column B
1	a tissue that holds two or more bones together at a movable joint	a. organ
2	the framework of bones in a vertebrate's body	b. ligament
3	a group of tissues performing a specific function	c. cell
4	a thick sheet of tissues that attaches a muscle to a bone	d. Skeleton
5	the building unit of all living things	e. tendon

ACTIVITY:Draw a diagram of skeleton and label the bones in it.

	Answer these	short question	ns.	
1.	What is joints?			
Ans:				
2.	Write any one a	activity you can	perform with the	e help of joints?
Ans:				
		UNIT #		
	FO	OD AND BAL	ANCED DIET	
1.	Choose the co	orrect option.		
i.	Dietary fiber	can be found ir	ı	
	a) Milk	b) wheat	c) eggs	d) salt
ii.	Which of the	se foods is a go	ood source of car	bohydrates
	a) Bread	b) vitamin B	c) meat	d) yogurt
iii	. This vitamin	is made by the	skin in sunlight	
	a) Vitamin A	b) vitamin B	c) vitamin C	d) vitamin D
iv	. Which food i	s a good source	of protein and o	calcium?
	a) Cheese	b) fish	c) bread	d) apple
v.	Which of the	se we should ea	at very little of?	
	a) Eggs	b) fruits	c) sweets	d) vegetables

					r tne rollow		
i.	Milk, cur	d, chees	se, jam, b	outte	er.		
The	e odd one o	out is		b	ecuase it is _		
ii.	Cucumb	er, peas,	, carrot, l	ettu	ce, spinach		
The	e odd one o	out is			because it	is	·
iii.	Sugarca	ne, bana	ana, apple	e gr	ape, guava		
The	e odd one o	out is			_because it is	S	
iv.	Pistachio	, cashe	w nut, wa	alnu	t, onion, alm	ond	
The	e odd one o	out is			because it is		·
v.	Protein,	mineral,	wood, fa	at, v	itamin.		
The	e odd one o	v. Protein, mineral, wood, fat, vitamin. The odd one out isbecuase it is					
	Put two words in each column						
Pu							·
Pu	t two wor	ds in ea	ach colu	mn ne	carrot le chocol	mon	·
	t two wor Eggs b	outter	ach colu sunshir	mn ne s	carrot le	mon ate	tamins
	t two wor Eggs b Nu	outter	sunshir cereals	mn ne s	carrot le chocol	mon ate	
	t two wor Eggs b Nu	outter	sunshir cereals	mn ne s	carrot le chocol	mon ate	
Pr	t two wor Eggs b Nu	outter t	sunshir cereals	mn ne s	carrot le chocol	mon ate	
Co	Eggs b Nu	cds in each	sunshir cereals	mn ne s	carrot le chocol	mon ate Vi	tamins
Co	Eggs book Nurverselves the second of contents	cds in each	sunshir cereals	mn ne s	carrot le chocol Fats	mon ate Vi	tamins

2.

3.

4.

Activity: -

Take a chart paper and draw food pyramid on it.

- **Answer these short questions.** 5.
- 1. Why do we need food.

Ans: _____

2. Why does the body needs carbohydrates?

Ans:

Unit # 3 Digestion

1. Choose the correct option.

- Which teeth are used for biting into food. i.
 - a) Molar
- b) premolar c) canine d) incisors
- The undigested food passes out through the ii.
 - a) Intestine b) stomach
- c) anus
 - d) pancreas
- What is stored in the gall bladder iii.
 - a) Bile
- b) salive
- c) glucose
- d) water
- Where do the nutrients go after they pass through the iv. intestinal walls.
 - a) Into tissues
- b) into blood vessels

- b) Into kidneys
- d) into stomach
- v. Which of the following are facts about the liver?
 - a) It helps filter the blood
 - b) It stores food energy
 - c) It is the largest organ
 - d) All of above.

2. Match the following

Column A		Column B		
i.	i. Salvia a. Produces digestive juices that brea down fats.			
ii.	Liver	b. a fluid that help with digestion		
iii.	Intestine	c. it stores bile		
iv.	Gall bladder	d. produces bile		
V.	Stomach	e. a long tube in the digestive system		
vi.	Pancreas	f.stores food for several hours		

3. Fill in the blanks.

i.	in the mouth helps to soften food.			
ii.	The stomach produceswhich kills the bacteria in food.			
iii.	The large intestine absorbs thefrom the waste and			
	sends the solid part of it out of the body as			
iv.	The liver produces a digestive juice called			

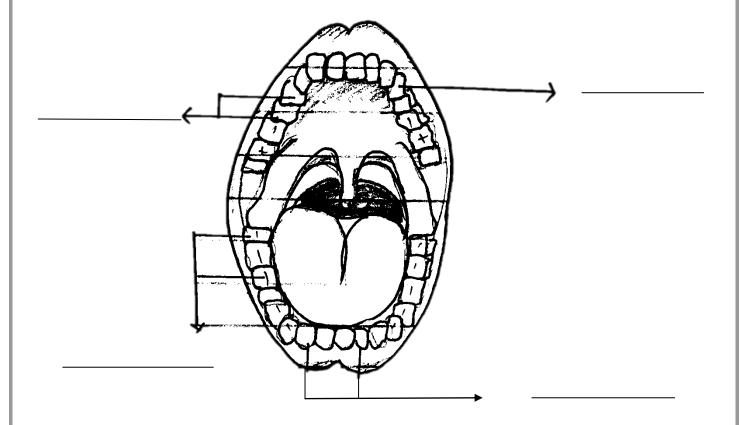
٧.	The	helps to mix the food with	salive.

- vi. Bile is produced by the _____ and stored in the _____.
- vii. Saliva softens the food and starts the digestion of ______.

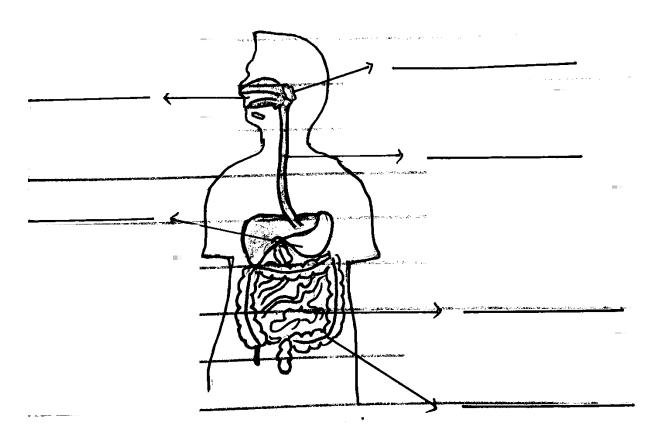
4. Mark these sentences with (\checkmark) or X.

- i. The teeth which cut food _____are incisors. ____
- ii. There are salivary glands_____in the teeth. ____
- iii. Food enters the stomach _____through the small intestine. __
- iv. The liver is bigger than _____pancereas. ____
- v. It is better for the _____digestion if one stands while eating. _

5. Label the diagram.



Types of teeth



The digestive system

Activity:

a.	Complete	these	incomplete	words.
----	----------	-------	------------	--------

1.. B__CT__T__

2.. PL __ Q __ _

3.. F ____ L L ____ NG

4.. T __ _ TH

5. C ___ N ____ N ____

6.. ___ NT ___ST ___ N ___ 8.. K ___DN___Y

B. unscramble these words to make meal names.

- 1. CHUNL
- 2. FASTKREAB

- 3. ERNDIN
- 4. EASFT

Anc:

Answer these short questions.

1. Name four types of teeth?

AH5			

What is hile? 2.

Ans:		

UNIT #4 Characteristics of living things

Choose the correct answer.

- i. Another word for movement is :-
- Respiration a)
- b. growth c. locomotion d. sensitivity
- ii. We need to look after plants and animals because
- a) They are cute
- They cannot look after them selves b)
- c) We depend on each other for life.
- d) It is a nice thing to do.
- iii. What hatches from the egg of grasshopper.
- a) Alarva
- b) a nymph
- c)fly
- d) an adult grasshopper

iv.	The egg of butte	erfly hatches int	oa.	
a)	Tadpole	b) larva	c) fry	d) nymph
V.	What grows fron	n a seed when	it germinat	es?
a)	Roots	b) flowers	c) fruits	d) pods.
2 Fil	l in the blanks.			
i. hum	ans and other ani	mals take in		and breathe out
ii. Pla	nts make their ow	nby a p	rocess calle	ed photosynthesis.
i ii . All	living things do th	e following:-		
a.e				
b. r_				
c. e				
d. h				
e. n	າ			
f. g				
g. r				
iv. Pla	nts and animals	on	each other	r.
v. Pla	nts produce	which is	in the air	we breathe in.
3. Ma	rk these senten	ces with (\checkmark) or 'X'	
i. Plan	ts never move			
ii. Only	plants cell have	chloroplast		
iii. All	living things grow			
iv. All	life cycles have th	ree stages		
v Fro	gs eggs are called	l fry		
vi. Hur	mans inherit all the	eir characteristi	ics from on	ly one parent

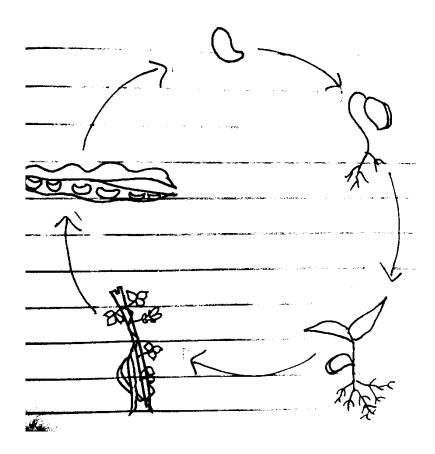
4.. Find out one word for each sentence.

- i. The gas that we need to breathe _____
- ii. Another word for movement_____
- iii. The word for the process of getting rid of waste products._____
- iv. The word for frog eggs_____
- v. A young fish _____

Activity:-

Draw and label the life cycles of butterfly, fish and frog.

Q.7. Label the diagram



Life cycle of flowering plant

Answer these short questions.

1. Do plants respire?
Ans:
2. Where do animals get energy from ?
Ans:
3. How long does it take to new born calf to get up and walk
Ans: