KABRA MEMORIAL PUBLIC SCHOOL

HOLIDAY HOME WORK

The summer holiday homework is also available on school's website i.e. www.kmps.edu.in

Name ……………………………………. **Class & Section 9th** …………

Note :- 1- Do homework of each subject in subject fair note book.
2- This summer Assignment carries 10% weitage for PT 1.
3- School reopens on – 18/06/2018 at 08:50 AM regular.

Dear Parents,

Kindly motivate your child to inculcate some good habits during summer vacations like :

Plant a sapling and look after it.

- ✓ *Donate your old books and old clothes to the poor or needy.*
- ✓ *Don't litter on the roads/bus stop/metro station/railway station whenever you go out.*
- ✓ *Don't eat junk food every day.*
- ✓ *Don't hurt stray animals.*

HAPPY SUMMER HOLIDAYS

Kabra Memorial Public School

"Summer Holiday Assignment - 2018-19"

Class – 9TH

Note :-   1- Do the homework in particular subject's fair note book.

2- This summer Assignment carries 10% weitage for PT 1. (Periodic Test I)

Subject – MATHS

1. Write 4 rational number between 2/7 and 3/7.

2. Write 2 irrational number between 2.1 and 2.2 .

3. Show that $\sqrt{6}$ is irrational number.

4. Show that $2+\sqrt{3}$ is irrational.

5. Show that $0.2353535\text{------} = 0.2\overline{35}$ can be expressed in form of p/q, p, q are integers.

6. Give an example of each ' of two irrational numbers, whose

   a) difference is a rational number.   b) difference is a irrational,   c) sum is a rational number.,   d) sum is an irrational.

7. Examine whether $\sqrt{7}$ is rational or irrational.

8. Give an example each , of two irrational numbers, whose

   1) product is an irrational number. 2) product is a rational.

   3) quotient is a rational. 4) quotient is an irrational.

9. Subtract $5m^3 - 3m^2 + 7m - 8$ from $8m^3 - 9m^2 + 5m - 2$

10. Simplify $[4^{-1} \div 3^{-1}]^{-2}$

11. $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a - b\sqrt{3}$

12. Simplify $\sqrt{63} - 5\sqrt{28} + 11\sqrt{7}$

13. Simplify $\sqrt[4]{625} - 4\sqrt[3]{64} + 20\sqrt[5]{32}$

14. By actual division , find the quotient and remainder when $3x^4 - 4x^3 - 3x - 1$ is divided by $x+1$.

15. Factorise $2x^2 - 7x - 15$ by splitting the middle term.

16. Find the value of x, if $(\frac{6}{5})^x (\frac{5}{6})^{2x} = \frac{125}{216}$

17. Express $0.35\overline{7}$ in the form $\frac{p}{q}$ where p,q are integers and q≠0

18. Evaluate the following $(103)^2$ using identity.

19. Factorise :($3x^3y-243xy^3$)

20. Factorise : $x2+5x +\dfrac{25}{4}$

Subject – ENGLISH

"Target and learning of the day" . Diary should be written with use of "Tenses"

tsunami." You should mention the need of it and how this system is helpful and effectful for the world. Your report should contain pictures, data, analyses which enhance the presentation skill. Give any one country's example which suffered because of tsunami.

Q.2 Find, Learn and write the 2nd and 3rd form (Simple Past and Past Participle) of the verbs given below and write them 5 times in your vacation copy.

First form of the Verb:

report	be	come	need
decide	have	want	feel
pull	do	look	become
pay	say	use	Verb
meet	go	find	leave
include	get	give	put
sell	make	tell	mean
require	know	work	keep
raise	think	call	let
pass	take	try	begin
cut	see	ask	seem
reach	help	continue	remember
kill	talk	set	love
remain	turn	learn	consider

suggest	start	change	appear
add	show	lead	buy
spend	hear	understand	wait
grow	play	watch	serve
open	run	follow	die
walk	move	stop	send
win	like	create	expect
offer	live	speak	build
bring	believe	read	stay
happen	hold	allow	fall
write	provide	sit	stand
lose			

Q.3 Write an article on **"Common Wealth Games 2018"** which need to be publish in your school magazine. Your article should contain: (300 words)

- Highlights of the game. (Like; after 94 years Indian women joined the march past)
- Total number of medals won by India. (Game wise & category wise).
- What you like most and why
- Any Historic record made by any country

Q. 4. Nowadays **IPL game** is a center of attraction for all. What do you feel, write your observation in a form of diary entry.

Q.5. Prepare a debate on a toady's vibrant issue **"Dalit Andola"**. All data and facts should be up to the mark, which should be sufficient enough to prove your side. The same debate is going to be held verbally in the school after vacation. So prepare it up to the mark.

Q. 6 Write the sentence structure for each tense 5 times. Write 5 examples for each tense types.

Simple Present Tense	Subject + V1 + Object
Simple Past	Subject + V2 + Object
Simple Future	Subject + Will + V1 + Object
Present Continuous	Subject + is/as/are + V1 + -ing + Object

Past Continuous	Subject + was/were + V1 + -ing + Object
Future Continuous	Subject + will be + V1 + -ing + Object
Present Perfect	Subject + Has/Have + V3 + Object
Past Perfect	Subject + Had + V3 + Object
Future Perfect	Subject + will have + V3 + Object

Q. 7 Draw a beautiful and attractive chart on Tense Wise Sentence Structure.

Q.8 Gap Filling:

More and more people are becoming concerned about the 2.1 _____ of thousands of animals 2.2 _____ their fur. Some people 2.3 _____ spoken and written so strongly on this subject 2.4 _____ they have influenced fashion a great deal. As a result, these days 2.5 _____ people care about the status value of fur coats. Instead of hunting wild animals people have 2.6 _____ special farms where they keep animals such as minks 2.7 _____ fur is very expensive. They breed them instead of 2.8 _____ them just for their fur.

2.1	a. kill	b. killing	c. killed	d. killer
2.2	a. from	b. at	c. for	d. to
2.3	a. have	b. has	c. are	d. were
2.4	a. such	b. that	c. yet	d. but
2.5	a. much	b. little	c. every	d. few
2.6	a. created	b. create	c. creating	d. creates
2.7	a. who	b. whose	c. whom	d. which
2.8	a. kill	b. killing	c. killed	d. killer

Q.9. Error correction:

		Incorrect	correct
At Kalka I take my breakfast.	eg	take	Took
Now I sat on the narrow gauge train.	a.		
It took six hours and a half	b.		
to covered about sixty miles to Shimla.	c.		
I has a seat near the window.	d.		
As a train moved, charming mountain	e.		
scenery begin to itself.	f.		
I was fill with the wonder to see	g.		
the small train running through valleys or tunnel.	h.		

Q.8 Write the difference between the words given below with example:

Than and Then

There and Their

Hole and whole

Among and Between

Through and Throw

Q.9. Write the meaning of the given words and write a good conversation which includes these words:

The, before, through, their, there, people, different, often, water, need, should, find, for a while, revenge, used, well, way, art, know, first, money world, information, important, among, example.

Subject – HINDI

1- fu;fer isij i<+dj mlesa ls ns'k fons'k] dh [ksy ,oa jktuhfr dh 5 jkspd [kcjsa dkVdj ,d Ldzsi cqd rS;kj dhft,A

2- /kwy ikB ls lacaf/kr Jhd`".k ds ckY;dky dh vyx&vyx ?kVukvksa vkSj yhykvksa ls lacaf/kr fp=ksa dks Ldzsi cqd esa yxkdj muls lacaf/kr dFkkvksa dks Hkh fyf[k,A

3- jSnkl ds vfrfjDr] ujksRrenkl] rqylhnkl] jl[kku] lwjnkl] ehjkckbZ] ,oa dchj dh ,d&,d dfork <+Ww<+dj fyf[k,A

4- fxYyw ds vfrfjDr egknsoh oekZ dh dksbZ vU; dgkuh tks tho tarq ij fy[kh xbZ gks <+Ww<+dj mls vius 'kCnksa esa fyf[k,A

5- xzh"edkyhu vodk'k eas vki dgkW&dgkW x, ogkW vkius D;k u;k lh[kk ml ij ,d iztsaVs'ku rS;kj dhft,A

Subject – SOCIAL STUDIES

History- chart of years along incidents
- Write the book with writers came in chapter-1, ideas from revolution taken by Indian leader.

Geography- Mark on map
Standard meridian, tropic of cancer, etc. Whatever given in class.

Economics- Compose a story related to village paramour.

1. Complete all maps related to chapter 1 and 2 of geography. As explained in class.

2. Prepare notes of chapter 1 of History " The French revolution ".

3. Read all case studies given in chapter 1 of economics "Village of palampur ".

Subject – SCIENCE

CHEMISTRY - Prepare notes of all chapter (four chapters) of chemistry .

1. Matter in our surrounding 2. Is matter around us pure

3. Atoms & molecules   4. Structure of Atom

PHYSICS & BIOLOGY –

1. Collect information about different types of graphs. Draw these and show the types of motion on it with proper labeling.
2. Draw the diagram of solar system exhibiting uniform circular motion. Draw the diagrams of other examples also.
3. Write the statement for Archimedes principle and explain it with the help of diagram. Write the applications also.
4. Write Newton's law of motion? Explain each one of them with proper examples. Also draw diagrams to explain them.

5. What is cell? Who discovered it and how? Draw the structure of cell and explain it's working . Write it's importance.
6. How living organisms are classified? Draw the classification. Explain each one of them with diagram.
7. What is sound? What do you mean by propagation of sound. Explain the terms frequency, amplitude and speed. Write the range of sound and explain them with examples.
8. What is disease? How it is caused and what will be the treatment. List few diseases with the names of the organisms responsible. What are their symptoms.
9. Explain with proper diagram- nitrogen cycle and carbon cycle.

10. What do you mean by animal husbandry? How many types are there. What measures are to be taken for keeping the animals healthy and precautions when disease spread in them.

Subject - COMPUTER

Make a chart on latest technology.

Homework from Principal's Desk

HINDI :-

1- vius NksVs HkkbZ dks i= fyf[k, ftlesa dqlaxfr ls cpus dh f'k{kk nh xbZ gksA
2- th-,l-Vh- ij ,d fooj.k fyf[k,A
3- 10 ist dh if=dk rS;kj dhft, ftlessa jkspd dgkfu;kW] u`R; ,oa oxZ igsyh Hkh 'kkfey gksA

MATHS :-

List out all the formulae from your Maths text book, chapter wise & learn.

SPORTS

1. Prepare a report on 21st Common wealth games. (Write report on A4 size sheet.)
2. Write all current affairs of sports of 2018.
3. Sports list out all the awards in sports, given by M.P. Government.