SETH M R JAIPURIA SCHOOL

WINTER HOLIDAY HOMEWORK 2018

CLASS 4

Dear Parents,

The entire year's syllabus of English Grammar, Hindi Grammar and Math will be assessed in the fourth Period Order. Period Order- 4 assessments will begin from 12th February, 2019.Topics not completed will be taught in January 2019.

The syllabus for Period Order 4 assessment is given below.

Mathematics Assessment 1	• Numbers upto 999999, Addition, Subtraction, Multiplication, Division and Fractions
Mathematics Assessment 2	• Measurement, Time, Multiples and Factors, Geometrical Shapes, Area and Perimeter &Data Handling *(Patterns- to be done in Jan)*
English Grammar Assessment 1	• Articles, Nouns, Pronouns, Adjectives, Degrees of Comparison, Punctuation, Prepositions and Comprehension
English Grammar Assessment 2	• Verbs, Adverbs, Conjunctions, *(Subject and Predicate, Prefix-Suffix, Idioms and Proverbs- to be done in Jan)* and Composition
English Reading Comprehension	• Saving the Sparrow • Before the Match (to be done in Jan)
Social Studies	• The Peninsular Plateau • *Responsibility of a good citizen- to be done in Jan*
Science	• Push and Pull • *Friction- to be done in Jan*
Computer	• Chapter7-Stepwise Thinking • *Chapter8- Features of File Management-to be done in Jan*
Hindi Grammar Assessment 1	• Sangya • Sarvnaam • Visheshan • Viram Chinh • Vilom Shabd • Ginti

Hindi Grammar Assessment 2	- Kriya Kaal - Ling - Vachan - Muhavare *Sam Shruti Bhinnarthak Shabd- to be done in Jan* *Vakyansh ke liye Ek Shabd- to be done in Jan* *Samanarthi Shabd-to be done in Jan*
Hindi Reading Comprehension	- Chandra Shekhar Azad *Veer Abhimanyu- to be done in Jan*
Sanskrit	विंश: पाठ: - आचार्यचाणक्य: (लिखित) (अवकाश में गृहकार्य पढाये गए दिव्यवाणी के सभी मन्त्रों का अर्थ सहित अभ्यास)
G.K	- Pages 10, 11, 48, 49 and 64 - Current Affairs will be given in January 2019

Mathematics:

- Complete the following Mindspark Topics
  1. Factors and Multiples
  2. Geometrical Shapes
- Learn tables from 12 to 20.
- Complete the given Worksheets.

English:

- Complete the given Worksheets.
- Complete the Comprehension page 67 in the Practice book.
- Write the given Composition in the composition notebook.

Science:

TOPIC- AIR POLLUTION
ACTIVITY- DESIGN A POSTER AND GUIDE BOOKLET

- Air pollution means the presence of chemicals and harmful particles in the air which lower the quality of air and make it harmful. It causes detrimental changes in quality of life.
- Design a poster on the consequences of air pollution.

- Draw pictures of the causes of air pollution enhanced with a catchy caption on air pollution.
- Prepare a word bank (15 words) of the words related to air pollution in your password copy.
- Design a guide booklet on measures and means to prevent air pollution.
- You can include different measures which people can adopt to reduce air pollution and play their part in combating this hazard.
- Use the poster and the guide booklet to sensitize at least two people in your locality about air pollution, its consequences and the measures which can be adopted to prevent it.

Social Studies

Project work: Make a 3D model of a plateau(tableland) using play dough.

Winter vacation is a time to relax and indulge in the beauty of nature. Please spend some quality time with your child doing activities that will enable the child to enhance his/her hidden potential.

Consolidated sheet
Subject: Mathematics
Topics-(Numbers upto 999999,
Addition,Subtraction,Multiplication,Division,Fractional Numbers,
Measurement,Time ,Factors and
Multiples,Geometricalshapes,Area&Perimeter,Data Handling)

Name:_____ Date:_____ Roll no:_____
Class/sec:_____

I. List the factors of:

a)50   b) 66

II. Calculate the following

a) $\frac{21}{51} + \frac{10}{51}$ =---------   b) $\frac{05}{19} - \frac{11}{19}$ = --------
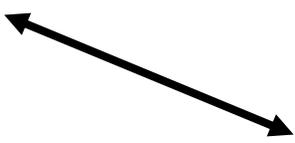
III. Write the time in 24 hour clock format :

a) 11:30 a.m.-_____ b) 03:15 p.m.-_____   c) 09:00 a.m.-_____

IV. Write the time in 12 hour clock format:

a) 2100 hrs-_____   b) 1515hrs-_____   c)1930hrs-_____

V.Identify and classify as lines,line segments ,ray :

_____   _____   _____

VI.Fill in the blanks:

   a) 2800m=_____km_____m

   b) 5hours 15 minutes =_____ minutes

   c) 9402-1540=_____

   d) 1023x 0= _____

   e) Is 3,567 divisible by 9?_____

   f) The expanded form of 5,48,152 is_____

   g) The predecessor of 8,00,000 is _____

   h) 741 added to the smallest 2 digit number is _____

   i) 12 hours is equivalent to _____ hours

   j) How many centimeters are there in 52 meters?_____

   k) A line can be extended in two directions.(true or false)?_____

   l) The seventh multiple of 15 is_____

   m) What is the difference between the place value and face value of 8 in

      8158?_____

   n) If the last digit of a number is 0 or 5 the number is divisible by _____

   o) The greatest number formed by using the digits 4,9,0,5,6,3 is _____

VII. Find the diameter of a circle with radius-

a) 42cm   b)30cm

VIII.Find the perimeter of a rectangular field with length 285m and breadth105m

IX.Convert the following :

A) ml to l

   a)74521ml   b)72130mL

B)m to cm

a)72m10cm   b)63m27cm

X.Calculate the following:

   a) 20kg 152 g +75kg109g

b) 95L 189mL - 45L 308 mL

XI.Find the prime factors of the given numbers using the method given in the brackets.

a. 150 (Division Method)	b. 117(Factor tree Method)

XII. A train leaves the station at 1300 hrs and reaches its destination at 2400hrs. What is the duration of its journey?

XIII. Calculate the following

a) 4320+ 4189   b) 9830-4102

c) 7189+845 - 4893   d) 543 x 49(any method)

g) 6810÷71   h) 450÷15

XIV. Find the radius of a circle with diameter-
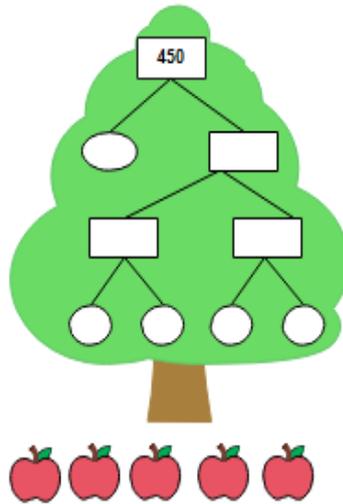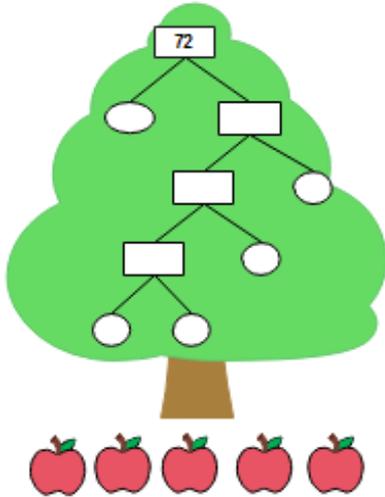
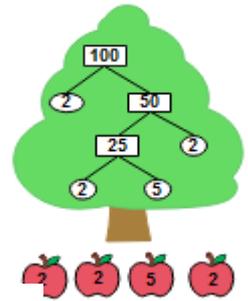   a) 180cm   b)56cm

XV. Find the L.C.M of 24 and 96 using the division method.

XVI. Joe's piano class started at 7:40 p.m and ended at 9:20 p.m. For how much time did he practice piano?

XVII. The T.V show started at 10:30 a.m and lasted for 1hour 50 minutes. What time did the show get over?

XVIII. Observing the example on the right, factor the following numbers to their prime factors. Fill in the apple blanks with their prime factors.
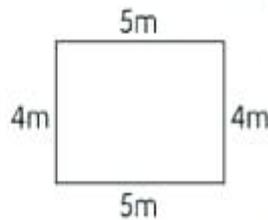
Example

72

450

What are the factors inside the apples?

XIX.

find the perimeter and area

5m

4m   4m

5m

perimeter = ☐ m   area = ☐ sq m

XX. Study the following pictograph depicting the choice of children for their picnic and answer the questions that follow:

Park	🙂 🙂 🙂 🙂 🙂
Beach	🙂 🙂 🙂 🙂 🙂 🙂 🙂
Zoo	🙂 🙂 🙂

🙂 = 1 vote

1) Which is the most popular picnic spot?_____
2) How many more children prefer the beach to the park?_____

_____

I. Read the following passage carefully and answer the questions that follow-

Birds and animals often migrate from cold to warm and from warm to cold climates. Migration usually takes place before and after the breeding season. Birds of different varieties migrate at the end of the summer season. Without fail, they leave their homes to seek other warm places to avoid harsh winters. They come back once again to their breeding grounds at the onset of spring. The maximum distance that a bird flies during the migration period is 20,000 miles. Curiously, these birds always find their way back to a place from hundreds and thousands of miles away. The length of a day affects a bird's nervous system which tells them it is time to leave. As the days get shorter, they leave for warmer climates. In the same way, when the days get longer, they have internal signals that propel them to return home.

1) When does migration usually take place?

_____

_____

2) What is the maximum distance covered by a bird during the migration period?

_____

_____

3) What is the effect of the length of a day on the bird's nervous system?

_____

_____

4) What is the meaning of the word 'propel' given in the passage?

_____

5) Write the opposites of

a) maximum   _____   b) harsh   _____

<u>6) Pick any</u>

One Adjective	One Adverb	One Conjunction

II. Pick out the Nouns in the sentences given below and complete the table:

a) Solomon was famous for his wisdom.

b) A committee of five was appointed.

c) The Godavari overflows its banks every year.

d) The class is studying grammar.

e) This room is thirty feet in length

f) He gave me a bunch of grapes.

g) Without health there is no happiness.

A Common Noun _____	Frame a sentence using the common noun _____
A Proper Noun _____	Frame a sentence using the Proper noun _____
A Collective Noun _____	Frame a sentence using the Collective noun _____
An Abstract Noun _____	Frame a sentence using the Abstract noun _____

III. Fill in the blanks with appropriate articles.

a) I read _____ amazing story yesterday.

b) _____ British ruled over India and many other countries.

c) _____ European team visited the area to explore the possibility of oil.

d) We went to Mumbai by _____ Rajdhani Express.

e) _____ price of petrol keeps rising.

IV. Frame questions of your own using the following Pronouns:

a) who- _____

b) which- _____

c) what- _____

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V. Frame sentences with the given adjectives using them as directed-

1) important (positive degree)

_____

b) sweet (comparative degree)

_____

c) wise (superlative degree)

_____

VI. Add –ly to the words given in the box to make suitable adverbs and use them to complete the following sentences-

| brave   loud   bright   sweet |

1) Today the sun is shinning _____

2) Our soldiers fought _____ and won the battle.

3) Sonali sings so _____

4) The child cried _____ when it lost its toy.

VII. Fill in the blanks with suitable form of verb given in the bracket-

1) She will be _____ a programme. (watch)

2) Yesterday, she _____ to her office. (go)

3) The spider _____ a web. (make)

4) Birds _____ in the sky. (fly)

5) Each of the students _____taking part in the Annual Day function. (be)

VIII. Join the sentences using the suitable conjunction and rewrite them-

1) She is a kind mother. She is a loving mother. (and/but)

_____

2) I ran fast. I missed the train. (or/but)

_____

3) Do you like cricket? Do you like hockey? (because/or)

_____

IX. Fill in the blanks with suitable prepositions given in the box:

for; up; on; before; from

a) You must reach home _____ sunset.

b) She searched _____ her ring everywhere.

c) Ananya returned _____ Canada after four months.

d) The policeman is _____ duty.

e) We walked _____ the stairs.

X. Rewrite the following sentences according to the instructions given in the bracket.

1) The government will provide clean water soon. (future continuous tense)

_____

2) She teaches French at Lucknow university. (present continuous tense)

_____

3) Just as I left the house, the phone rang. (past continuous tense)

_____

4) Shankar met Swami when he lived in Madras. (past continuous tense)

_____

Composition- Use the given helping words, rubrics and guidelines to write a 150 words composition on "Any School Event".

The Founder's Day

Helping Words

Cultural, preparation, revered, invitation, venue, impress, display, talent, coordinate, theme, artistic,   awaited, excitement, participated, fun, frolic, amusement, audience, occasion, decorated, beautiful, auditorium, presented, song, prayer, dance, clapped, stage, solo, appreciated, parents, guests, enjoyed, prizes, conferred, culmination , praised ,gratitude, vote of thanks

Rubrics

1. Tense-past
2. Four verbs
3. Four adjectives
4. Two pronouns
5. Four prepositions
6. Three adverbs
7. Use a simile

Guidelines

Paragraph 1-
1) Why is Founder's day celebrated?
Paragraph 2-
2) What preparations did you make?
Paragraph 3-
3) How was it celebrated?
4) What made the Founder's day memorable?
Paragraph 4-
5) What were your feelings at the end of the day?