



**DUBAI GRAND
INTERNATIONAL SCHOOL**
SUCCESS IN BOTH WORLDS

**Winter Assignment
For
Bridge Course
V to VI**

Green Avenue, NH1, Umerabad HMT Srinagar Kashmir



Dear children,

We are sure that all of you would make plans for a fun filled winter vacation. We wish that you enjoy your work with your family and friends. Freedom brings more responsibility, keeping this in mind, we have planned winter assignment for you to keep you engaged positively and your energies well directed.

General Instructions for Students

New Year ushers in the new aspirations, hopes, resolutions and some promises. We wish that our children study and enjoy during their holidays. Here is the list of suggestions that can be helpful for our students during this winter break.

1. Read good books if available at home, or you can read e-books under parental supervision.
2. Improve your vocabulary. Learn one new word and its pronunciation each day. Use it in your daily conversation.
3. Meditate and exercise daily.
4. Learn to care and share. Don't forget to spend time with your grandparents and help them whenever possible.
5. Be on the lookout for new information. Watch informational channels like National Geographic, Animal Planet, History Channel, etc.
6. Prepare a systematic time table and follow it from the very first day.
7. Pray salah five times in a day.
8. Recite Quran Sharief.
9. Learn about your religion.
10. Keep yourself engaged in meaningful activities like creating work, art and craft, etc.



General Instructions for Parents

1. Parents are requested to encourage their ward to do their homework independently.
2. Parents can extend guidance to their children if needed.
3. Maintain one 3 in one notebook for all the subjects.
4. Date of submission of winter assignment will be notified.
5. Parents are required to submit the given worksheets along with the notebook.
6. No notebook or project work or scrap book will be accepted by the Teacher Incharge without student's name, class, and section.



English:

Listening: It plays a very important part in learning any language. Effective listening ensures understanding and it helps improve accuracy when speaking, among other things.

1. Watch movie **TOY STORY**. Write in detail about its plot, characters, theme, and climax.
2. Watch English news every day, and write five main headlines of the day.

Speaking: It is often the hardest of the four language skills, but as soon as you can speak a little English there are lots of ways to improve quickly and have tons of fun.

1. Do prepare a topic on "**Importance of Kindness**" and record a video and send it in WhatsApp class group on **15th Feb** only.

Reading: It is a process of the brain and it takes time to develop: your mind has to attach meaning to the words, phrases and expressions represented by symbols, plus get to understand the grammar and structure of the language used in the passage to read. If you develop strong reading skills, it'll be very helpful to your future.

1. Do read two pages of any book or novel of your choice and write 5 difficult words, it's meaning, and frame sentences. (It should be done daily mentioning the dates)
2. Make pocket dictionary of these words as well.



Writing: Even though it may be intimidating to a lot of people, anyone can get used to writing with a little discipline and a willingness to learn.

1. Write a letter to chairman asking him to arrange an educational tour for students.

(Write it on A4 size paper. Then post it to Dubai Grand International School, rose avenue, Umerabad, Srinagar.)

Project:

Prepare models of

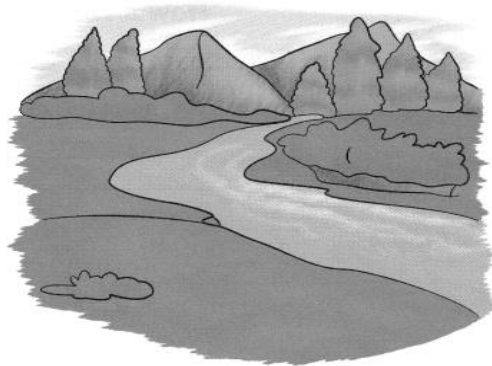
1. Nouns.
2. Subject and Predicate.



Worksheet:

Reading comprehension is understanding what is read. It is the reason for reading. When you have strong reading comprehension skills, you are able to apply that reading in meaningful ways. In other words, you can take the information you have read about and use it to answer questions, write opinions or even create something new.

1. Read the following passage carefully.



Rain O Rain, come again,
Drive away sorrow and pain.

Make the air fresh
Make it full of sweet smell
Bring laughter and joy to all.

When it is raining the trees look so green.

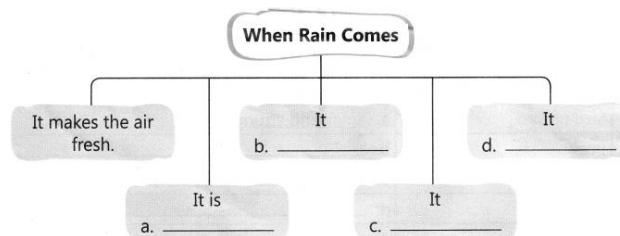
Thick clouds cover the sun
Everybody on earth is having fun.

Whenever I get a chance,



I go out and dance.
And have lots of fun,
In the pouring rain,
Rain O Rain, come again.

A. On the basis of your understanding of the above poem, complete the following chart by filling in the spaces.



B. Complete the following sentences briefly.

1. When it is raining some changes take place. These are:

a. _____

b. _____

c. Everyone has fun.

2. The poet dances in the rain whenever he

2. Read the following Passage carefully:

Rabindranath Tagore

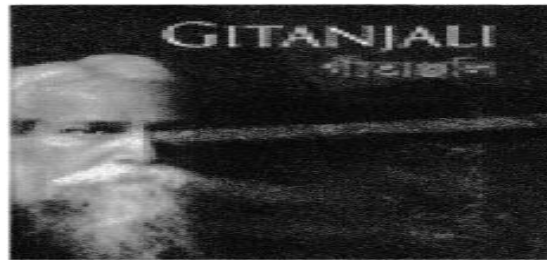
Rabindranath Tagore, the Bengali poet, is one of the greatest writers of India. He was born in a rich, Bengali family in Calcutta. His father's name was Devendranath Tagore.

Tagore was interested in writing stories and poems since his childhood. As an adult he wrote many novels, plays, poems and short stories. He



received the Nobel Prize for his book Gitanjali, which is a collection of poems.

Rabindranath Tagore founded a school called ‘Shanti Niketan’ and a university called “Vishwabharathi”. He has created our national anthem. He has also written ‘Golden Bengalis’ the national anthem of Bangladesh.



A. On the basis of your understanding of the above passage, complete the table given below that gives us information about Rabindranath Tagore. Write your answers in the spaces provided.

a. Father’s Name

Ans: _____

b. Family Details

Ans: _____

c. Prize awarded

Ans: _____

d. Founder of

Ans: _____

e. Created the national anthem of

Ans: _____



B. Complete the following statements by filling the blanks with one word only.

1. Tagore was born in _____.
2. Tagore's book, which is a collection of poems, is called _____.
3. He liked to write poems and stories since his _____.



Urdu:

سرمائی تعطیلات کے لیے منتخب شدہ سرگرمیاں
درجہ : ششم۔

1: نصابی کتاب کے پہلے پانچ اسباق کی مکمل عبارت خوانی Reading کرنا۔

2: ہر روز ایک ایک صفحہ Page خوشخطی سے اردو کاپی پر لکھنا۔

3: سڑک حادثے پر ایک مختصر رپورٹ اردو کاپی پر تحریر کرنا۔

4: ادب و اخلاق کے بارے میں علامہ اقبال کے دس اشعار زبانی یاد کرنا۔

5: کشمیر کے پانچ اردو شعرا کے بارے میں واقفیت حاصل کرنا اور انکی شعری کتابوں کے نام یاد کرنا۔



Mathematics:

1. Concept of percentage. Use of percentage in real life like calculation of percentage of your marks in recent exams, etc.
2. Profit and loss
Concept of Retailer, Seller, Whole seller
C.P, S.P
Activity: Visit a whole seller to purchase some items, then purchase the same item from retailer. To check the profit, they got.
3. Use of percentage concept in profit and loss.
4. Basics Part
Fractions, types of fractions, operation on fractions
(Addition/Subtraction)
Multiplication and Division of three digit and four-digit numbers.



Worksheet I:

1. Fill in the blanks:

- a. The symbol of percent is
- b. The word 'cent' means
- c. 0.19 in percent form can be written as

2. Express each of the following in percent (%):

a. $\frac{3}{5}$

Sol: _____

b. $\frac{11}{2}$

Sol: _____

c. $\frac{3}{10}$

Sol: _____

d. $\frac{13}{20}$

Sol: _____

e. 0.86

Sol: _____



f. 0.73

Sol: _____

g. 3.28

Sol: _____

h. 1.078

Sol: _____

3. David read 150 pages of a book. If the book contains 200 pages, what percent of the book has David read?

Sol: _____

4. Mr. Sharma has a monthly salary of Rs 7, 500. If he spends Rs 6,250 every month, find his expenditure and savings in percent?

Sol: _____



5. Shweta obtained 18 marks in a test of 25 marks. What was her percentage of marks?

Sol: _____

6. In the word ARITHMETIC, what percent of the letters are I's?

Sol: _____



Worksheet II:

1. Define the following

a. Profit

Sol: _____

b. Loss

Sol: _____

c. Retailer

Sol: _____

d. Whole seller

Sol: _____

e. C.P / S.P

Sol: _____

2. A shopkeeper bought a bicycle for Rs 3000 and sold the same for Rs 3400. How much was his profit?

Sol: _____



3. Sharad bought one quintal of onions for Rs 2000. Later he sold them all at the rate of Rs 18 per kg. Did he make a profit or incur a loss? How much was it?

Sol: _____

4. Write formula for

a. Profit

Sol: _____

b. Loss

Sol: _____

c. Profit percentage

Sol: _____

d. Loss percentage

Sol: _____



Worksheet III:

1. Find profit or loss percentage of:

a. Cost Price = 720 and Loss = 63.

Sol: _____

b. Selling Price = 1518 and Loss = 132.

Sol: _____

c. Selling price = 540 and profit = 60.

Sol: _____

d. Selling price = 760 and profit = 90.

Sol: _____

2. A television set was bought for Rs 3900. Rs 200 was spent on transportation and Rs 900 on repair. It was sold at a loss of 10%. Find the S.P. of television.

Sol: _____



3. A cupboard bought for Rs 2,500 and sold at Rs 3,000. Find profit or loss percentage.

Sol: _____



Worksheet IV:

1. Which is greater: $\frac{8}{12}$ or $\frac{10}{12}$?

Sol: _____

2. Which is the greatest out of:

$$\frac{1}{6}, \frac{5}{6}, \frac{4}{6}, \frac{3}{6}$$

Sol: _____

3. Which fraction is the smallest?

$$\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \frac{4}{7}$$

Sol: _____



4. Find the smallest fraction out of:

$$\frac{3}{6}, \frac{4}{6}, \frac{5}{12}, \frac{11}{12}$$

Sol: _____

5. Which is greater: $\frac{4}{7}$ or $\frac{7}{4}$?

Sol: _____

6. Which of the fractions $\frac{3}{4}, \frac{3}{5}, \frac{3}{6}, \frac{3}{7}$ is the greatest fraction?

Sol: _____

7. Which is greater: $\frac{1}{2}$ of 50 or $\frac{1}{4}$ of 80?

Sol: _____



8. What is the ascending order for the following fractions?

$$\frac{6}{13}, \frac{10}{13}, \frac{8}{13}, \frac{3}{13}$$

Sol: _____

9. What is the descending order for?

$$\frac{7}{5}, \frac{3}{5}, \frac{2}{5}, \frac{5}{5}$$

Sol: _____

10. Find the sum of $\frac{1}{6}$ and $\frac{4}{6}$?

Sol: _____

11. Find: $\frac{1}{4} + \frac{3}{4}$

Sol: _____



12. Find: $10\frac{1}{2} + 3\frac{1}{2}$

Sol: _____

13. $2\frac{1}{3} + \underline{\hspace{2cm}} = 2\frac{1}{3}$

Sol: _____

14. Add $\frac{1}{8}$ and $\frac{1}{2}$

Sol: _____

15. Find: $\frac{1}{5} + \frac{1}{10}$

Sol: _____



Physics:

1. Write a note on Science.
2. Classification of science into various disciplines.
3. Introduction to Physics as a separate subject.
4. Famous physicists in the world (top 10) and their discoveries.
5. Comprehend and memorize
 - a. Mass
 - b. Length
 - c. Time
6. SI Units of above physical quantities.

Chemistry:

1. Write a short note on Chemistry as a separate subject.
2. Learn first 20 elements in a periodic table with their symbol and atomic number.
3. Importance of chemistry in our everyday life.
4. Comprehend and memorize:
 - a. Atom
 - b. Molecule
 - c. Element
 - d. Compound



Projects and models:

1. Write a biography on one physicist of your choice. Briefly
2. Measure the length of your fence wall using an inch tape. (Make a video)
3. Measure the area of your room using an inch tape. (Make a video of it)
4. Make a working model of a house hold water filter using plastic bottles, sand, gravel, charcoal etc.
5. Make a model to show molecular arrangement in solids, liquids and gases using Styrofoam balls.

Please Note that the videos should be forwarded to class WhatsApp groups on the following dates:

- a. Video 1 Feb 9 2023
- b. Video 2 Feb 11 2023



Worksheet I:

1. Define the term “Science” in detail.

Ans: _____

2. Write the names of five physicists and also write their discoveries.

Ans: _____

3. Write down seven fundamental physical quantities and also write their units.

Ans: _____



4. Define the following terms:

a. Mass

Ans: _____

b. Length

Ans: _____



Worksheet II:

1. Write down the first 20 elements in a periodic table with their symbol and atomic number.

Ans: _____

2. What is an atom?

Ans: _____

3. Define the following terms:

a. Molecule

Ans: _____



b. Element

Ans: _____

c. Compound

Ans: _____



Biology:

Biology winter assignment has been bifurcated into four divisions:

1. Exploring basic concepts.
2. Creative thinking.
3. Project.
4. Communication skills.

This division is done in order to promote the holistic development of the learner throughout childhood. It equips learners with knowledge, skills and values that assist them to achieve their full physical, intellectual, personal, emotional and social potential.

1. Exploring basic concepts:

- a. Write a detailed note on biology and its role in a day-to-day life. Elaborate with examples.
- b. Comprehend and memorize the following terms:
Cell
Locomotion and movement
Stimuli and response
Cellular organelles
Chlorophyll

2. Creative thinking:

- a. Prepare a sample of balanced diet chart for your family.

3. Project:

- a. Make a 3D model of plant and animal cell and label the same.



4. Communication skills:

Prepare a presentation on the main cellular organelles (5-6) and their functions. Shoot a video for the same and forward it in your class WhatsApp group on 20th February only.



Worksheet:

1. Give reasons:

a. Why non-green plants can't synthesize their own food?

Ans: _____

b. Why mitochondria are called as "power house of the cell"?

Ans: _____

2. Who I am:

a. I provide energy to the body but excess intake of me can lead to a condition called obesity. Who am I?

Ans: _____

b. I keep the digestive system in good working condition and help your body get rid of undigested food. Who am I?

Ans: _____



3. Fill in the blanks with the help of clues given in box.

Movement, Chlorophyll, Sensitivity, Aristotle, Robert Hooke

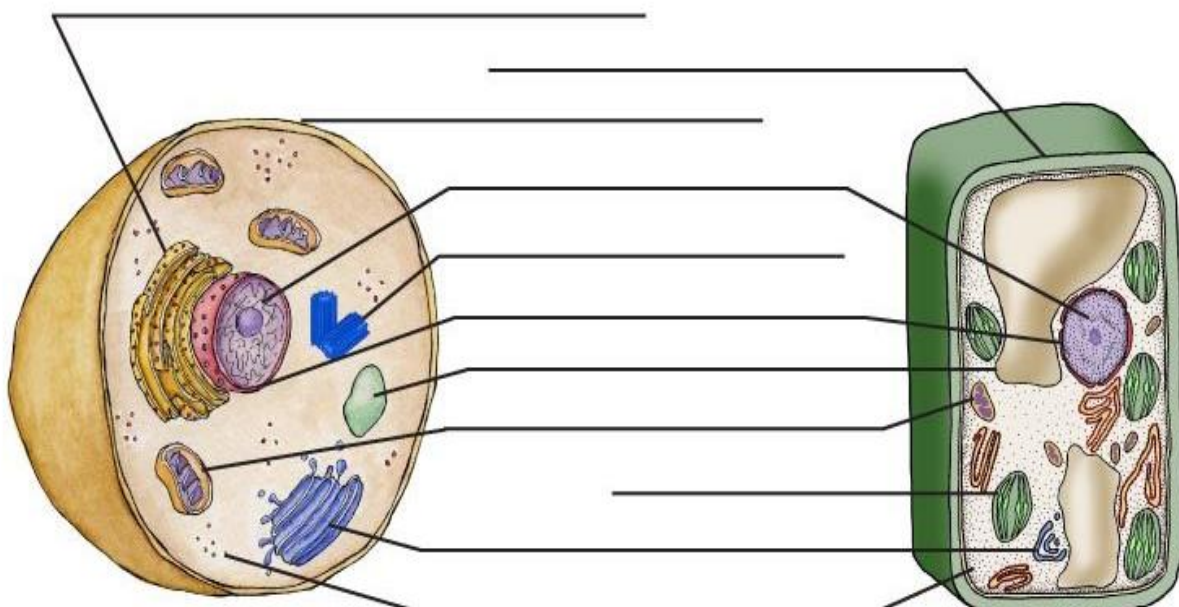
- a. The ability of organisms to respond to stimuli is called _____.
- b. Plants can show _____ but not locomotion.
- c. _____ is a plastid with a green colour which help a plant to trap solar energy.
- d. The term cell was aimed by _____.

4. Label the below given diagram:

Label the Animal and Plant Cell Organelles and Structures

Animal Cell

Plant Cell





History & Civics:

1. Make a chart of Stone Age Tools and write their importance in our present-day life.
2. Make a model of a Sumerian clay tablet with some cuneiform writing on it.
3. Watch the episode from the YouTube on the Indus Valley Civilization in "Bharat Ek Khoj".
4. Prepare models or drawings of important seals from Indus script.



Geography:

A. Map Work

1. Learn about the districts of UT of J & K.
2. States / UTs of India along with capitals.

Note: Students should be able to show the districts (J&K) and states/UTs of India on outline map.

B. Models

1. Water harvesting model
2. Working model of globe



Worksheet:

A. Answer the following questions.

a. Name UTs starting with letter D.

Ans: _____

b. Name the capital of India.

Ans: _____

c. What is the oldest name of a globe?

Ans: _____

d. The imaginary line which divides the earth into northern and southern hemispheres.

Ans: _____

e. What are the seven large landmasses found on a map/globe called?

Ans: _____

f. Which state is first in rain water harvesting?

Ans: _____

B. Match the following:

a. Gujrat

Chandigarh

b. Tamil Nadu

Bhopal

c. Haryana

Gandhinagar

d. Madhya Pradesh

Bhubaneshwar

e. Odisha

Chennai



C. Fill in the blanks.

- a. Name the state starting with letter A and whose capital starts with letter D _____.
- b. Hot springs are also known as _____.
- c. The district famous for saffron cultivation is _____.
- d. _____ is known as apple town of Kashmir.
- e. The rice bowl of Kashmir is _____.
- f. _____ is the deepest lake in J&K.
- g. Jammu is famous for _____.
- h. Shillong was the capital of _____ until 1972.
- i. Largest state of India in terms of area is _____.
- j. _____ is the cleanest state of India.



Arabic:

العمل لعطلة الشتاء لفصل السادس

1. Explain the detailed history of Kelafat e Usmania .

اشرح التاريخ التفصيلي لخلافة العثمانية.

2. Family tree of Prophet Muhammad (Peace be upon him).

أكتب شجرة عايلة لمحمد صلى الله عليه وسلم

3. Flow chart of prophet lineage.

أكتب مخطط انسابى لنسب النبي صلى الله عليه وسلم

4. Memorize para Amma.

احفظ الجزء عم



Worksheet:

1. مرد کے کفن میں کتنے کپڑے ہوتے ہیں اور ان کپڑوں کے نام کیا ہیں؟
2. عورت کے کفن میں کتنے کپڑے ہوتے ہیں اور ان کپڑوں کے نام کیا ہیں۔
3. نیک لوگوں کی قبر کیسے ہوتی ہے اور بُرے لوگوں کی قبر کیسے ہوتی ہے ایک چارٹ بنائے؟
4. پانچ انبیاء کے نام لکھئے؟
5. حضرت موسیٰ علیہ السلام کو کس قوم کی طرف مبعوث کیا گیا تھا؟
6. حضرت صالح علیہ السلام کی قوم نے اُونٹنی کو قتل کیوں کیا؟
7. حضرت یوسف علیہ السلام نے خواب میں کیا دیکھا؟
8. حضرت یوسف علیہ السلام کو بھائیوں نے کنویں میں کیوں ڈالا؟
9. حضرت ابراہیم علیہ السلام کے والد کا نام کیا تھا؟



Kashmiri:

وئند کٱم

جماعت: شیم

- ۱۔ زکٱ قلمہ سیتز لیکھو اکھ اکھ صفحہ دوہہ دس (Calligraphy)
- ۲۔ مختلف کٱ شاعر ن ہند ناؤتہ تیز کامہ متعلق لیکھو ا کس رنگین چٱٹس (Chart paper) پٹھ۔
- ۳۔ وئندس منز کم کھن چٱٹک چیز چھ ا س زیادہ پہن استعمال کران تمن ہند ناؤ لیکھو۔
- ۴۔ ”موبائل فون“ زیادہ استعمال کرُن چھٱ صحیح کنہ غلط پٹنن خیالات لیکھو۔
- ۵۔ گر چٱن کمن کا مین منز چھو تو ہہ مٱلس ماجہ مدد کران تمن کا مین ہند ناؤ لیکھو۔



Information Technology:

- 1. Make a chart of keyboard and mention the following in it:**
 - a. Types of keys.
 - b. Functions of all keys present in Keyboard.
- 2. Create five different PowerPoint presentations using the following options present in it:**
 - a. Font
 - b. Font size
 - c. Font colour
 - d. Change case
 - e. Bullets
 - f. Numbering
 - g. Multi-level lists
 - h. Shapes
 - i. Tables
 - j. Inserting Pictures
 - k. Transitions
 - l. Animations
 - m. Design tab

Note:

- a. The Chart should be submitted on 15th Feb, 2023.
- b. The ppts (convert all of them into a single zip file) should be forwarded to dubaigrand.it@gmail.com on 15th Feb, 2023.



happy
holidays!

“We wish you a great time ahead”