



# ***TRANSLAM ACADEMY***

## ***Summer Holiday's Homework for Class 11 Science***

### ***Session 2019-20***

### ***Instructions for Holiday Home Work***

Dear Parents,

The most awaited vacations of the year are around the corner. It is a wonderful time to relax, enjoy ice-creams and spend quality time with our families. At the same time, it is a time to revise the work done in the previous months. Here are some suggestions to make the vacation a memorable one.

- Play with them, tell them stories and talk to them about their problems, aspirations etc. Tell them anecdotes and share your experiences about summer vacations when you were in school and give them a glimpse into your childhood.
- Help them set and achieve goals for self –improvement and motivate them by your own active participation (for example managing anger, meditating for calmness, cycling and yoga for fitness).
- Encourage them to read, dance, paint and sing. Motivate them to pursue a hobby.
- The homework assignments and activities are designed to help the students explore their own creativity as they attempt each of the fun-filled subject enrichment activities. Help them to create something truly magical in the process.
- Focus and develop an effective diet routine for your child and always remind him/her to stay hydrated by drinking a lot of water and fluids. Talk to your child about the bigger purpose of their life and life skills. Cultivate positive perspective towards life. I hope that these suggestions would help to cement the bond between you and the children as well as help us to work as partners in shaping an extraordinary future for our kids.

Dear Students

June is upon us again and for our little scholars like you. It means a time to recharge your batteries while eating ice-creams and mangoes to beat the heat. Here are some suggestions that we feel will make your vacation more enjoyable:

1. Try to take up a summer activity like swimming, dancing etc. Spend some time doing yoga, exercise, meditation etc. for mental health and physical fitness.
2. Read comics like Amar Chitra Katha, Diamond Comics etc to come to know more about Indian mythological and historical tales. Read the newspaper daily.
3. Help your parents in the kitchen and make some special healthy summer treats like mango, panna, lemonade etc.
4. Under Parental supervision, students can make use of apps like Word Search, 4 Pics One Word, Word Cookies etc. to enhance their vocabulary instead of wasting their time on social networking sites or playing computer games.
5. Try to converse in English with your parents, siblings friends and relatives, as it will improve your proficiency in this international language.
6. Plant a sapling and watch it grow.
7. Watch animated English classics like Up, Frozen, The Beauty and the Beast etc. and English news.

8. Improve your handwriting by practicing daily.
9. Ensure a time limit (maximum 1 hours) for watching TV or playing computer games. Do not waste your precious time in surfing internet and visiting social networking sites like facebook, Twitter etc.
10. Revise all the previous work done in class.

### **General Instructions**

1. Holidays work must be done in a very neat and presentable manner.
2. The child will be assessed on the basis of handwriting, presentation, neatness, completion of all the given questions and indexing of the work.
3. Questions must be done in the given sequence.
4. Take a print out and do the work on the same sheet.
5. Avoid cutting & over writing.
6. Mention date and day before starting day's work.
7. Assignments attempted by parents will not be evaluated.

I hope these suggestions will help our students to spend their vacation in an interesting manner. May you be in the best of health spirits when you come back in July.

### **Things to do during vacations.**

1. Plant a sapling and water it every day.
2. Make compost – Put Dry Leaves, Vegetable and fruit peels, used tea leaves in a pit and cover it with soil. Let it remain for 30 days. Compost is ready.
3. Keep a bowl of water on the roof for birds.
4. Keep a bowl of grains also for birds.
5. Help your mom in arranging your room, cupboard.
6. Do your summer vacation Homework yourself.
7. Limit watching TV to one hour.
8. Avoid video games instead learn to play Chess, Scrabble, Monopoly & Carrom board.

### **Hindi**

- 'आन्तरिक समस्याओं से जूझता हमारा देश' विषय पर फीचर लिखिए ।
- 'सांप्रदायिकता का जहर' विषय पर एक फीचर लिखिए ।
- आपके घर के बाहर खड़ी मोटरसाइकिल चोरी हो गई है उसकी रिपोर्ट थाने में लिखित रूप में कीजिए ।
- मीरा या कबीर के पदों को चित्र सहित चार्ट पेपर पर लिखिए ।
- उपर्युक्त कार्य के लिए एक सुन्दर सी फाइल तैयार कीजिए ।

### **Physics**

1. Manual work of Class XI, 1. vernier calipers 2. Screw gauge 3. Simple pendulum (calculation of g)
2. Numericals of Ch – 2, 3, 4( prepare all syllabus)

### **Maths**

Ch – 3 Do questions of ex -3.1, 3.2, 3.3 and 3.4 based on Trigonometric identities.

## **Biology**

1. Prepare chart on different topics – Mitosis, Meiosis, Types of Aestivation , Types of placentation & alternation of generation.
2. Germinate a seed & see its changes.
3. Manual Work.
4. Do Question/Answer.

## **Chemistry**

1. Make a project file on any of these topics.
  - D- block metals or
  - Colloids or
  - Medicines and its type.
2. Spend at least 4 to 7 days with your parent (whole day) from where he/she doing earning to make your future bright and share your experience with your Translam team. (class mate, & teachers) by making a report.
3. Do practice of at least 30 question from every chapter of recent board exams from those chapter which we studied in the class.
4. Go to the government hospital or local doctors or MBBS and make a report on the common diseases occurs due to the deficiency of vitamins.
  - (ii) Excessive alcohol drinking.
  - (iii) Symptoms, reason and ways to cure these diseases.
5. Watch the movie “The Karate Kid” & Dangal and give your views about the messages given by these movies.

## **English**

1. Draft a Poster on ' World Yoga Day' (22 June) A3 sheet
2. Write an article on 'The Problem of Brain and Drain'.
3. Prepare speech on 'Importance of English in present world'.
4. Learn the whole amount of syllabus of P.A—1
5. Read English Newspaper and write 5 new words daily with their meanings to enhance vocabulary.

( Do all work in Practice Notebook)

## **Physical Education**

1. Do Question/Answer of Ch – 6
2. Complete manual.

