



# ***TRANSLAM ACADEMY***

## ***Summer Holiday's Homework for Class 10<sup>th</sup>***

### ***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.

### **Biology**

1. Draw well labeled diagrams of digestive system, respiratory, excretory and circulatory system.
2. Complete manual work of biology.
3. Do Question/Answers.

### **Physics**

1. Ch – Light and Human eye & colourful world (Numerical)
2. Learn and prepare the syllabus.

### **S.St.**

1. Make a project file on the topic 'Popular Struggle & Movements'
2. Prepare a Bulletin Boards on Consumer Rights
3. Plant at least 10 saplings and Make a report on Germination process & benefits.
4. Learn & prepare the syllabus.

Make a poster on 'Save Environment', 'Clean India Green India'.

5. Visit to Banks and money lenders /pawn brokers and discuss various activities that you have observed in banks in the class room.
6. Collect photographs of typical rural houses and clothing of people from different regions of India and Examine whether they reflect any relationship with climate conditions and relief of the area.

## Chemistry

1. Make a project file on any of these topics (With lot of examples)

Acid and Base :- Their application used in daily life

OR

Metals and Non – metals uses in our life

OR

Carbon and its compound use in our life.

2. Make a report on the hazards occurs due to “Poisonous wine” with the help of some last years news papers. (Date, place, No of people died)

What is the chemical formula of alcohol and what is this ‘Poisonous wine’ or denatured alcohol.

How can we aware the people about this. So that no such incident will occur in future.

3. Do board questions of Chapter 1, 2, 5 minimum 30 questions from each chapter.

4. Watch the movie- “The karate kid”. What are the objectives of this movie.

5. Watch an episode based on “Chemical science” on discovery or National geographic or any other channel and write a note on the basis of that episode.

## Hindi

रस कर परिभाषा लिखकर प्रत्येक रस के दो दो उदाहरण लिखिए ।

कोई भी पाँच विज्ञापन तैयार करें । कॉपी व किताब (व्याकरण) में कराया गया समस्त कार्य याद करें ।

## English

1. Write an article on ‘Aping of Western culture by the young generation’.

2. Write any four stories with their title.

3. Write two letters on each topic, letter to the editor, complain, enquiry and placing an order.

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)

## Maths

1. The sum of the squares of two consecutive odd numbers is 394. Find the numbers.

2. A train takes 2 hours less for a journey of 300 km if its speed is increased by 5 km /hr from its usual speed. find the usual speed of the train.

3. The sum of squares of two consecutive multiples of 7 is 637. Find the multiples.

4. A motor boat can travel 30 km upstream and 28 km downstream in 7 hours. It can travel 21 km upstream and return in 5 hours. Find the speed of the boat in still water and the speed of the stream.

5. Solve the following pair of linear equations graphically:  $x+3y = 6$  ,  $2x - 3y = 12$ , Also shade the region bounded by the line  $2x - 3y = 12$  and both the coordinate axes.