

PM SHRI KENDRIYA VIDYALAYA AINWAN JEHANABAD

Summer Vacation Homework

Chemistry

Class XII

1. Make a separate notebook for PYQs and solve past 10-year Board examination questions of the first Chapter and the topics completed from the second chapter. (NCERT).
2. Complete your notes till what has been taught in the classroom and solve the associated in-text and exercise questions.
3. Choose an area of research of your choice, gather data and start working on the Investigatory Project. A list of ideas is as mentioned below:

List of Ideas for Chemistry Project- Topics

- Analysis of Cough Syrup
- Comparative study and qualitative analysis of different brands of Cold Drinks
- Preparation of Sanitizer
- Preparation of Dyes
- Analysis of different samples of vinegar
- Preparation of Soya milk and its comparison with other natural milk
- Analysis of Chocolate
- To study the presence of oxalate ion content Guava Fruit at different stages of ripening
- To study and compare the rate of fermentation of apple juice and carrot juice
- Study the constituents of alloy
- To analyze the given sample of commercial antacids by determining the amount of HCl they can neutralize
- To analyze the sample of honey for the presence of different minerals and carbohydrates
- To study the presence of sugar in sugar free sweets

The project file must contain

- Front page
- Certificate
- Acknowledgement
- Aim
- Index
- Requirements
- Theory
- Procedure
- Observation Table
- Result
- Bibliography
- Thank You page with Science Quote

(You can choose ANY topic or area of chemistry that interests you, not necessarily the ones mentioned above.)

4. Prepare an activity on any topic from your syllabus that can be displayed in the classroom.



Arshpreet Kaur (PGT Chem)

Principal

PM SHRI

KENDRIYA VIDYALAYA AINWAN, JEHANABAD

Summer Vacation Homework – English Core – May & June 2025

Class XII

A. Work to be done in English Notebook:

1. *Read English Newspaper daily.* Either The Hindu or Indian Express. *Write only two words with their meanings & pronunciation daily in your English notebook.* Write date-wise.

2. Write *short notes in 60 to 80 words* on each of the following in your English notebook with reference to the chapters mentioned:

- a) Linguistic chauvinism (The last Lesson),
- b) A daughter's thoughts about her ageing parents (My Mother at Sixty Six)
- c) The impact of child labour on children & society (Lost Spring).
- d) The tendency to escape from the anxiety of modern life (The Third Level)
- e) Conceit & arrogance of those in power (The Tiger King).

3. *Read any one of the following books & write its book review in about 80 words*:

- Animal Farm by George Orwell,
- The Catcher in the Rye by J. D. Salinger, Holes by Louis Sachar,
- To Kill a Mockingbird by Harper Lee,
- The Book Thief by Markus Zusak,
- 1984 by George Orwell,
- Feluda Series by Satyajit Ray,
- The Perks of Being a Wallflower by Stephen Chbosky,
- The Giver by Lois Lowry,
- A Wrinkle in Time by Madeleine L'Engle,
- Little Women by Louisa May Alcott,
- A Wizard of Earthsea by Ursula K. Le Guin, Persepolis by Marjane Satrapi,
- Me and Earl and the Dying Girl by Jesse Andrews, Anne of Green Gables by L M Montgomery.

5. Watch *any one of the following movies & write a movie review in 80 words* in Your English Notebook:

Good Will Hunting (1997),



Dead Poets Society (1989),
Back to the Future (1985), Whiplash
(2014), Ferris Bueller's Day Off (1986), Life of Pi (2012), Stand by Me (1986), Life is Beautiful
(1997), The Boy in the Striped Pyjamas (2008), A Beautiful Mind (2001), Into the Wild (2007),
E.T. the Extra Terrestrial (1982), The Karate Kid (1984), Inside Out (2015), Spirited Away
(2001), The Princess Bride (1987), Paddington (2015), The Pursuit of Happyness (2006), Whale
Rider (2002), Up (2009).

5.. *Explore the music of the following musical bands/artists & write a 80-word article on any one band/artist* out of these greats:

The Beatles, Queen, The Rolling Stones, Led Zeppelin, Pink Floyd, Nirvana, Radiohead, The Who, The Doors, The Beach Boys, Bob Dylan, Stevie Wonder, Jimi Hendrix, Prince, Al Green, Marvin Gaye, Whitney Houston.

B) Work for learning, exploration & growth. Not to be written in English notebook:

6. Study the following topics for the *Monthly Test to be held in the last week of June*:

The Last Lesson, Lost Spring, The Third Level, The Tiger King, My Mother at Sixty-six, Notice Writing, Formal & Informal Invitations & Replies.

7... Read all the chapters & poems in your syllabus at least once. From NCERT textbooks. Complete texts.

8.. *Stay away from screens & social media* as much as possible. Observe No Screen & No Social Media days every week during weekends.

9. Take care of your health. Jog, run, play daily.

10. Listen to the following *famous speeches*:

- I Have A Dream by Martin Luther King Junior.
- Tryst With Destiny by J L Nehru.

19. *Read the following poems*:

- If by Rudyard Kipling,
- Where the Mind is Without Fear by Tagore,
- Still I Rise by Maya Angelou,
- Rashmirathi by Dinkar.

Happy vacations.
May you keep growing.
Best wishes.