**KENDRIYA VIDYALAYA NO. 2 JALANDHAR CANTT**

**HOLIDAY HOME WORK 2021-22**

**SUBJECT ENGLISH**

**CLASS-X**

1. Reading : Read English newspaper and write any one news of your choice.
2. Listening : English news.
3. Read chapter 3&4 of both books and write the summary of the lessons.
4. Five exercises each of rearrangement of jumbled words, editing, omission ( from any sample paper)
5. Make a project file on

 1 figure of speech with examples

 2 Poem The Dust of Snow ,Fire and Ice, The Ball Poem, A Tiger in the Zoo(draw,summarize,comprehension)

 3 Article on Road Safety, Environment Degradation, Health is wealth,

 Water conservation ( 4 ARTICLES)

4 LETTER PLACING ORDER, COMPLAINT

(THIS PROJECT FILE WILL BE COUNTED AS INTERNAL ASSESSMENT FOR FINAL EXAM OF CLASS 10 MARKS ALLOTTED 20)

केन्द्रीय विद्यालय क्रमांक 2 जालंधर छावनी

 ग्रीष्म-कालीन अवकाश (सत्र 2021-22)

 हिन्दी:

1. माता का आँचल’ पाठ के आधार पर एक परियोजना कार्य तैयार कीजिए जिसमें भोलानाथ के जीवन से संबंधित जानकारी,उनके खेल व खेलने कि सामग्री, आपके खेल व खेल कि सामग्री,दोनों के बीच व्याप्त अंतर बताते हुए चित्र सहित वर्णन कीजिए |

नोट। (यह परियोजना कार्य ही आपके अंकों का आधार होगा )

1. सूरदास के पदों का भावार्थ लिखिए |
2. संज्ञा,सर्वनाम,विशेषण,कारक,लिंग,वचन,अव्यय व काल के भेदों कि परिभाषा देते हुए दो- दो उदाहरण लिखिए |
3. अपने मित्र को ऑनलाइन कक्षा की गुणवता बताते हुए कक्षा लगाने की सलाह देते हुए पत्र लिखिए |
4. आवधिक परीक्षा-1 की तैयारी के लिए जितना पाठ्यक्रम कराया गया उसकी दोहराई कीजिए |

HOLIDAY HOME WORK

CLASS X

MATHEMATICS

* Learn table 2 to 25.
* Complete your homework and class work copy up to covered syllabus.
* Solve all solved examples from chapter’s Real Numbers, Polynomials and Linear equation in two.
* Solve the following questions
1. The numbers 525 and 3000 are both divisible only by 3, 5, 15, 25 and 75. What is HCF (525, 3000)?
2. Show that the square of an odd positive integer is of the form 8m + 1, for some whole number m.
3. Prove that one and only one out of n, n + 2 and n + 4 is divisible by 3, where n is any positive integer.
4. Prove that $\sqrt{3}$ is an irrational number.
5. State fundamental theorem of Arithmetic and hence find the unique factorization of 120,154& 512.
6. Prove that $\sqrt{3}$ + $\sqrt{5}$ is irrational
7. Prove that5 – $\frac{3}{7}\sqrt{3} $is an irrational number.
8. If one root of the polynomial *P*(*x*) = 5$x^{2}$ + 13$x$+ $k$is reciprocal of the other, then find value of *k.*
9. If one zero of the quadratic polynomials $x^{2}$ + 3$x $+ *k* is 2, then find value of *k.*
10. If the zeroes of the quadratic polynomial $x^{2}$ + (*a* + 1)*x* + *b* are 2 and – 3, then find $a$ & b.
11. If α and β are the zeroes of the polynomial *f* (*x*) = $x^{2}$ + $x$ + 1, then find $\frac{1}{α}+\frac{1}{β}$.
12. If α and β are zeros of polynomial 6$x^{2}$ – 7$x$– 3, then form a quadratic polynomial where zeros are 2α & 2β.
13. If the lines given by 3*x* + 2*ky* = 2 and 2*x* + 5*y* = 1 are parallel, then the value of *k* is \_\_\_\_\_\_\_ .
14. If *x* = *a* and *y* = *b* is the solution of the equation *x* – *y* = 2 and *x* + *y* = 4, then the values of a and b are respectively \_\_\_\_\_\_\_ .
15. What is the point of intersection of the line represented by 3*x* – 2*y* = 6 and the *y*-axis?
16. For what value of *p*, system of equations 2*x* + *py* = 8 and

*x* + *y* = 6 have no solution.

1. Find the value of *k* for which pair of linear equations 3*x* + 2*y* = –5 and *x* – *ky* =2 has a unique solution.
2. Check whether the graph of the pair of linear equations *x* + 2*y* – 4 = 0 and 2*x* +4*y* – 12 = 0 is intersecting lines or parallel lines.
3. Solve the following sudoku :-



**CLASS X Science**

1. Solve the CCT assignment

<https://drive.google.com/file/d/1s8rLT1G-HIE7HGvKK5YOoXUMN22L_2GE/view?usp=sharing>

1. Make a 2-minute video performing any science activity of your choice from your NCERT book.
2. Think over something new innovative idea of your own that is helpful in today’s society. And prepare a write up of it. Students who will do this task too will get extra marks.
3. **Think** of a science fiction story and **pen it** down.
4. Write one science news of each week during the holidays.
5. Find out minimum 5 scientific happenings on your birthday.
6. INTERNAL ASSESSMENT

 

1. Suppose you got a chance to become teacher for one day and you have to teach your classmates about the topic given in front of your name in the list below. So write what you will speak in front of your classmates. You can also use pictures, diagrams, story, or some examples to make your topic interesting.(So don’t just copy paste from anywhere, use simple language and simple words that could be easily understood by your classmates)(Those who have got scientist as their topic, they will find about funny or inspiring incidents about them)

Topic should be between 2-4 pages. but it should be informative and interesting and simple to understand.

**S.NO TOPIC**

**CLASS 10 SECTION A**

**1 Hydrogen**

**2 Helium**

**3 Lithium**

**4 Brass**

**5 Boron**

**6 Carbon**

**7 Nitrogen**

**8 Oxygen**

**9 Flourine**

**10 Neon**

**11 Sodium**

**12 Magnesium**

**13 Aluminium**

**14 Silicon**

**15 Phosphorus**

**16 Sulphur**

**17 Chlorine**

**18 Argon**

**19 Potassium**

**20 Calcium**

**21 Bronze**

**22 Nichrome**

**23 Duralumin**

**24 Chromium**

**25 Maganese**

**26 Iron**

**27 Cobalt**

**28 Nickle**

**29 Copper**

**30 Zinc**

**31 Stainless steel**

**32 Steel**

**33 Solder wire**

**34 ALNICO**

**35 Bromine**

**36 Amalgam**

**37 Silver**

**38 Quick Lime**

**39 Tin**

**40 Iodine**

**41 Aqua Regia**

**42 Barium**

**43 Tungesten**

**44 Baking Powder**

**45 Platinum**

**46 Gold**

**47 Mercury**

**48 Lead**

**49 Radium**

**50 Uranium**

**51 Ammonia**

**CLASS 10 SECTION B**

**1 Mercury**

**2 Venus**

**3 Earth**

**4 Mars**

**5 Jupiter**

**6 Saturn**

**7 Uranus**

**8 Neptune**

**9 Pluto**

**10 Meteors and meteorites**

**11 Asteroids**

**12 Sun**

**13 Moon**

**14 Moons of other planets**

**15 Artificial satellites**

**16 Constellations**

**17 Comets**

**18 Eclipse**

**19 Louis Pasteur**

**20 Alexendar Fleming**

**21 Edward Jenner**

**22 Issac Newton**

**23 Einstein**

**24 Robert Hooke**

**25 Hans Christian Oersted**

**26 Thomas Alva Edison**

**27 Gregor Mendel**

**28 Charles Darwin**

**29 Joule**

**30 Simon Ohm**

**31 Michael Faraday**

**32 Fleming**

**33 Alfred Nobel**

**34 Archemidies**

**35 Ampere**

**36 Rutherford**

**37 Neil Bohr**

**38 C V Raman**

**39 Elon Musk**

**40 Benjamin Franklein**

**41 Steve Jobs**

**42 Peter Higgs**

**43 Alexander Graham Bell**

**44 CNR Rao**

**45 Satyandra Nath Bose**

**46 Robert Boyle**

**47 Kelvin**

**48 Sunder Pichai**

**49 James Chadwick**

**50 J J Thomson**

**CLASS 10 SECTION C**

**1 John Dalton**

**2 Coulomb**

**3 Mary Curie**

**4 Galilio Galili**

**5 Christian Barnard Shaw**

**6 Bleaching powder**

**7 Stephen Hawking**

**8 APJ Abdul Kalam**

**9 Edwin Hubble**

**10 Lamarck**

**11 Lavousier**

**12 Leonardo Da Vinci**

**13 Maxvell**

**14 Henry Mosley**

**15 Sameul Morse**

**16 Ostwald**

**17 Haber**

**18 Pascal**

**19 William Roentegon**

**20 Ronald Ross**

**21 Volta**

**22 James Watt**

**23 COVID**

**24 SARS**

**25 HIV**

 SUBJECT- SOCIAL SCIENCE

1. PROJECT WORK

Topic :

Consumer awareness or social issue or sustainable development

2. Write extra 15 MCQ and 2 competency based (passive based) questions answers from chapter

History( Rise of nationalism in Europe)

Geography ( Resources and development)

Economics (Development)

Political science ( Power sharing)

3. Map work

Draw political map with states and capital name on outline map of India.

Show France, Germany, Russia, Poland, Balkan state, Austria on political map of Europe.

ਕੇਂਦਰੀਆ ਵਿਦਿਆਲਿਆ ਨੰਬਰ -2 ਜਲੰਧਰ ਕੈਂਟ

 ਕਲਾਸ -10ਵੀਂ

 ਵਿਸ਼ਾ-ਪੰਜਾਬੀ

 ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ (ਪ੍ਰੋਜੈਕਟ)

 2021-2022

ਪੱਤਰ ਕੋਈ ਚਾਰ ਕਰੋ,

\* ਆਪਣੇ ਮਿੱਤਰ ਨੂੰ ਕਿਸੇ ਪ੍ਰੀਖਿਆ ਵਿੱਚ ਮੋਹਰੀ ਦਰਜਾ ਪ੍ਰਾਪਤ ਕਰਨ ਤੇ ਵਧਾਈ ਪੱਤਰ

\* ਰਿਸ਼ਤੇਦਾਰ / ਮਿੱਤਰ ਦੇ ਘਰ ਕਿਸੇ ਵਿਆਕਤੀ ਦੀ ਮੌਤ ਤੇ ਅਫਸੋਸ ਪੱਤਰ

\* ਵਿਦੇਸ਼ ਰਹਿੰਦੇ ਰਿਸ਼ਤੇਦਾਰ ਨੂੰ ਪਿੰਡ ਵਿੱਚ ਆਈਆਂ ਤਬਦੀਲੀਆਂ ਬਾਰੇ ਪੱਤਰ

\* ਮਿੱਤਰ ਦੀ ਭੈਣ ਦੇ ਵਿਆਹ ਤੇ ਨਾ ਸ਼ਾਮਲ ਹੋ ਸਕਣ ਸੰਬੰਧੀ ਪੱਤਰ

\* ਮਿੱਤਰ / ਸਹੇਲੀ ਨੂੰ ਪੜ੍ਹਾਈ ਅਤੇ ਖੇਡਾਂ ਵਿੱਚ ਬਰਾਬਰ ਦਿਲਚਸਪੀ ਲੈਣ ਲਈ ਪੱਤਰ

\* ਤੁਹਾਡਾ ਰਿਸ਼ਤੇਦਾਰ ਤੁਹਾਨੂੰ ਪਾਸ ਹੋਣ ਤੇ ਸੁਗਾਤ ਦੇਣੀ ਚਾਹੁੰਦਾ ਹੈ ਆਪਣੀ ਰੁਚੀ ਅਨੁਸਾਰ ਸੁਝਾਅ ਦਿਓ

\* ਪ੍ਰਦੂਸ਼ਣ ਦੀ ਸਮੱਸਿਆਂ

\* ਸ਼ਹੀਦ ਭਗਤ ਸਿੰਘ

\* ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ

\* 15 ਅਗਸਤ-ਸੁੰਤਤਰਤਾ ਦਿਵਸ

\* ਸੰਚਾਰ ਦੇ ਸਾਧਨ

\* ਸਾਡੇ ਮੇਲੇ ਅਤੇ ਤਿਉਹਾਰ

ਲੇਖ-ਰਚਨਾ👆ਕੋਈ ਚਾਰ ਕਰੋ।

ਸਾਹਿਤ-ਮਾਲ਼ਾ-ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ (ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ)ਇੱਕ ਸ਼ਬਦ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਬਣਾਓ।

ਵਾਰਤਕ- 'ਘਰ ਦਾ ਪਿਆਰ ' ਪ੍ਰਿ:ਤੇਜਾ ਸਿੰਘ ਦੇ 15 ਬਹੁ-ਵਿਕਲਪੀ ਬਣਾਓ।

HOLIDAYS HOMEWORK ART EDUCATION

1 landscape

2. Still life in pencil shading

3 Poster on Save Environment

4. Painting on traditional art of India Any one:

Kalamkari painting

Madhubani painting

Warli painting

Gond painting

5. Any craft item

6. Paper collage

7. Poster on covid-19