

SILVER GROVE SCHOOL

SUMMER VACATION HOLIDAY HOMEWORK

Class – 8

SOCIAL SCIENCE

1. Best Out of Waste Activity

Make useful items from waste materials like plastic bottles, newspapers, or boxes.

Explain how recycling saves natural resources.

2. Resource Collection Activity

Collect pictures of natural resources like:

- Water
- Forests
- Minerals
- Sunlight
- Soil

Paste them in a scrapbook and write their uses in one line.

3. Voter ID Awareness Activity

Prepare a sample Voter ID card using chart paper.

Write the importance of voting rights.

COMPUTER

1. Prepare a colourful chart on the Types of Networks.
2. Draw a neat and labelled diagram of Cloud Computing.
3. Write any three differences between LAN and WAN.
4. Write five slogans on "Safe Internet and Cloud Usage."
5. Make a creative model or poster related to Networks and Cloud Computing.

ENGLISH

(2nd Literature + 1st Grammar + Unseen)

Q1. Learn the following word meanings:

Word	Meaning
Creative	Unique
Insurmountable	Undefeatable
Trivial	Unimportant
Forlorn	Lonely
Distraught	Upset
Vague	Unclear
Supporter	Patron
Respected & Famous	Illustrious
Plan	Strategy
Profusely	In large amount
Edge	At the margin
Illogical	Absurd
Unfazed	Not worried
Devise	To think of

Q2. Learn Question/Answers of the first and second chapter.

Q3. Collect five "One Word Substitutions".

Example:

A very wise man is called a man of letters.

Q4. Sketch out the nature and talent of Tenali Rama.

Give such examples around your locality.

Q5. Describe the importance of:

- Respect
- Patience
- Good words

Q6. Transform the sentences as directed:

1. He has been teaching English for many years. (*Negative*)
2. Have they been playing since morning? (*Affirmative*)

Q7. Fill in the blanks with correct articles:

1. Honesty is ___ best policy. (*a / an / the*)
2. He will come in ___ hour. (*a / an / the*)
3. They were some of ___ most intelligent scholars. (*a / an / the*)

Q8. What is a determiner? Define and give examples.

Q9. Make sentences using the following words:

- wide
- interesting
- court
- quite
- observe
- ideas
- discussion
- improve

Q10. Read the passage and answer the questions:

“The king frowned, unimpressed. ‘That sounds absurd,’ he muttered. ‘Such cultivation would need special soil, manure and pest and insect repellents. If, by chance, something were to go wrong, our farmers would suffer.’”

Questions:

1. Who became unimpressed?
2. What did the king say after listening to Tenali Rama’s offer regarding paddy seeds?
3. What is the meaning of “were to go wrong”?

Q11. Make 10 sentences having one adjective.

Example:

She is a regular student.

(regular is an adjective)

Q12. Write a short paragraph on “Save Water, Save Life.”

Q13. Write about the importance of green plants.

SCIENCE

1. Microscope Model

Create a simple model of microscope using:

- Cardboard
- Waste box
- Plastic bottle
- Coloured paper

Label all parts neatly.

2. Microorganism Scrapbook

Make a colourful scrapbook on any five microorganisms:

- Bacteria
- Virus
- Fungi
- Protozoa
- Algae

For each microorganism include:

- Picture or drawing
- Habitat
- Uses or harmful effects
- Interesting facts

हिंदी

1.

कसी एक वषय पर कार्डबोर्ड या थर्माकोल से मॉडल तैयार करें।

वषय:

- सं ध
- शब्द वचार
- स्वदेश (क वता)
- दो गौरैया
- हिंदी व्याकरण
- हिंदी साहित्य भंडार

2. भारत के मान चत्र में भारत के सभी राज्यों तथा वहाँ पर बोली जाने वाली बो लयों को दर्शाएँ।

संकेत:

इसके लए आप कार्डबोर्ड या थर्माकोल पर चार्ट लगाकर उसका प्रयोग करेंगे।

3. आपने अपनी गर्मी की छुियों में क्या-क्या कया और कहाँ-कहाँ घूमने गए हैं अपने अनुभव को ल खत रूप में साझा करें।

4. पढ़ाए गए सभी पाठों के सभी प्रश्न-उत्तर और अभ्यास कार्य कंठस्थ करें।

5.प्रतिदिन एक पेज श्रुतिलेख लखें।

संस्कृत

1. कसी एक वषय पर थर्माकोल या कार्डबोर्ड की सहायता से मॉडल तैयार करें।

वषय:

- संस्कृत साहित्य संपदा
- महाक व का लदास
- रघुवंशमहाकाव्यम्
- अ भज्ञानशाकुंतलम्

2.पढाए गए सभी पाठों को याद करें।

G.K.

Sports & Awards

Q1.Which country hosted the 2024 BRICS Summit?

Q2.Who won the 2025 ICC Champions Trophy?

Q3.Which country will host the 2028 Summer Olympic Games?

Q4.Who is the current captain of the Indian women's cricket team (2025)?

Q5.Which state will host the 2025 National Games?

India & World

Q6.What is the theme for Republic Day 2025 in India?

Q7.Which countries joined the BRICS alliance in its expansion?

Q8.What is India's estimated population in 2025 according to the United Nations?

Q9.Where was India's first glass bridge inaugurated?

Q10.Who is the current Vice President of India?

Science, Tech & Environment

Q11.What is the full form of MGNREGA?

Q12.Which organization released the Global Risk Report 2025?

Q13.Which type of plastic has particles smaller than 1 micron?

Q14.What is the Nag MK-2 Missile developed by?

Q15.Pallas's cat has been spotted in which Indian state?

General Knowledge & Personalities

Q16.Who is the current Speaker of the Lok Sabha?

Q17.Which award was given to author Jon Fosse for 2023?

Q18.What is the new Parliament building inaugurated in India called?

Q19.Who is the Secretary-General of the United Nations?

Q20.When is Earth Day celebrated?

Additional Task

Write all the States and Union Territories of India along with their Capitals.

MATHEMATICS

Section A – Squares and Square Roots

Learn and Write

Q1. Learn squares from 1 to 50.

Q2. Learn square roots of perfect squares.

Q3. Write properties of square numbers.

Q4. Observe square-shaped objects around you and draw them.

Practice Questions

Q5. Find the square of 27.

Q6. Find the square of 35.

Q7. Find the square of 48.

Q8. Find the square root of 144.

Q9. Find the square root of 225.

Q10. Find the square root of 784.

Q11. Write first 20 perfect square numbers.

Q12. Check whether 625 is a perfect square or not.

Q13. Check whether 900 is a perfect square or not.

Q14. Write square numbers between 1 to 500.

Section B – Cubes and Cube Roots

Learn and Write

Q15. Learn cubes from 1 to 20.

Q16. Learn cube roots of perfect cubes.

Q17. Write properties of cube numbers.

Q18. Make a colourful cube chart.

Practice Questions

Q19. Find the cube of 12.

Q20. Find the cube of 15.

Q21. Find the cube of 21.

Q22. Find the cube root of 216.

Q23. Find the cube root of 512.

Q24. Find the cube root of 729.

Q25. Write first 10 perfect cube numbers.

Q26. Check whether 1000 is a perfect cube or not.

Q27. Check whether 1331 is a perfect cube or not.

Q28. Write cubes from 1 to 15.

Section C – Exponents

Learn and Write

Q29. Write laws of exponents.

Q30. Write exponential form of repeated multiplication.

Q31. Write powers of 10.

Q32. Write uses of exponents in daily life.

Practice Questions

Q33. Write $5 \times 5 \times 5 \times 5$ in exponential form.

Q34. Write $3 \times 3 \times 3 \times 3 \times 3$ in exponential form.

Q35. Simplify $2^3 \times 2^4$.

Q36. Simplify $5^6 \div 5^2$.

Q37. Find the value of $(3^2)^3$.

Q38. Simplify $7^2 \times 7^3$.

Q39. Express 729 as powers.

Q40. Express 1024 as powers.

Q41. Find the value of $10^2 + 5^2$.

Q42. Find the value of $2^5 - 2^3$.

Section D – Creative Activities (Any One)

Q43. Prepare a colourful chart showing squares from 1 to 30 and cubes from 1 to 20.

Q44. Make exponent flash cards using colours.

Q45. Collect or draw square and cube-shaped objects found around you.

Q46. Design colourful mathematical rangoli using square patterns.

Section E – Project Work (Any One)

Q47. Make a 3D Cube Model using cardboard.

Q48. Prepare a Square Root Tree chart.

Q49. Make an Exponent Law Wheel.

Q50. Prepare a Perfect Square Number Wheel.

Section F – Maths Model Ideas (Any One)

Q51. Cube and Cube Root Model

Q52. Exponent Machine

Q53. Perfect Square Puzzle

Q54. 3D Mathematical Shapes Model

Q55. Square Number Wheel

Mental Maths Practice

Q56. Practice 10 square questions daily.

Q57. Practice 10 cube questions daily.

Q58. Practice 10 exponent simplification questions daily.

Real-Life Maths Task

Q59. Measure square-shaped floors or tiles at home.

Q60. Observe cube-shaped boxes and write their uses.

Q61. Find examples of exponents used in science and computers.

Write your observations in one page.