

WINTER BREAK HOLIDAY HOMEWORK
CLASS-VIII

ENGLISH

1. Make a poster on any of the following topics :

- a) Donate blood
- b) Keep the earth green
- c) Save water
- d) Save girl child
- e) Stop violence against women

2. Read English newspaper and write two difficult words with their meaning.

3. Compose an adventurous and interesting story in which you are a hero in 250-300 words.

Note: Use a thick A4 size sheet and be as creative as you can.

4. Practice your grammar skills throughout the holidays. Use some or all of the following websites:

- <http://www.bbc.co.uk/bitesize/ks2/english/>
- http://www.englisch-hilfen.de/en/exercises_list/alle_grammar.htm
- http://www.testdesigner.com/questions/Grammar/Grade_8
- <http://www.learnenglish.britishcouncil.org/en/english-grammar/>

MATHS

1. Make a project on Algebraic Expression & Identities using A4 sheets.
2. Do 5 questions of chapter Factorization from any reference book.

SCIENCE

1. Why it is dangerous to touch electrical appliances with wet hands?
2. Name substances which make any liquid good conductor of electricity?
3. Name the part of bulb that glows.
4. Does distilled water conduct electricity?
5. Name the gas deposited on negative electrode.
6. How can you test liquids conduct or do not conduct the electricity?
7. Explain why a bulb glows on passing current.
8. What is chemical effect of electricity? Give some examples of chemical effects.
9. What are the two methods of testing an insulator or conductor?
10. Write true/False
 - a. Rubber is an insulator.
 - b. Electroplating causes rusting.
 - c. Vinegar can _____ electricity.
11. Does friction depend on the nature of objects?
12. Which type of surface produces more friction?

13. Which type of surface produces less friction?
14. Which is less sliding friction or static friction?
15. Why is it difficult to move on a wet marble floor?
16. What would happen when an object starts moving if there is no friction?
17. Give two examples where friction is undesirable?
18. Our hands become warm when we rub them. Why?
19. Why do we shape aero planes like that of bird?
20. Write some methods to reduce friction?
21. Write various types of friction.
22. What is a fluid friction? Write the factors on which fluid friction depends.
23. What do you mean by vibrations?
24. What is the other name for larynx?
25. Do all animals produce sound by vocal chords?
26. Write the unit of frequency.

27. What do you mean by noise pollution?
28. What is the loudness of a normal conversation?
29. Explain importance of sound in our daily life.
30. Name the organ in human that produces sound. How does it work?
31. Prove that sound travels in solids too.
32. How does loudness of sound is affected by amplitude?
33. Do all bodies produce sound?
34. Touch the bell when it stops producing sound. Can you feel the vibration?
What do you understand by this?
35. Name the sound producing organ.
36. Can sound travel through vacuum?
37. What is oscillatory motion?
38. Why the sound of the baby is feeble?
39. What is ektara? Identify its vibration part.
40. Explain that sound travels in liquids as well.
41. Name some musical parts and their vibrating parts
42. How does shrillness or pitch is affected by frequency?
43. Write some harms of friction.
44. What is sliding friction?
45. Why we fall down when we stop on banana peel?
46. In which direction frictional force acts on a moving object.
47. What is easier- rolling or sliding?
48. What is drag?
49. How does the friction get affected by the nature of surface?
50. What happens, if the floor we walk on is friction less?
51. The sole of shoes get worn after some time. Explain why?
52. What happens when there is no friction between the chalk and the blackboard?
53. Write on harm of friction.
54. Why do kabaddi players rub their hands with soil?
55. What are insulators of electricity?
56. Name some substances other than water which conducts electricity?
57. Which effect of current causes the bulb to glow?
58. What is magnetic effect of electric current?
59. What are electrodes?
60. Explain mechanism of glowing bulb?
61. What do you mean by magnetic effect of electricity?

62. Prepare a tester to test conduction based on magnetic effect of the electricity.
63. Name some substances which make the liquids good conductor of electricity.
64. Give two examples of poor conductors of electricity.

HINDI

- १) श्री अटल बिहारी वाजपेयी जी द्वारा रचित किसी कविता को A -4 शीट पर लिखिए तथा उसका सार अपने शब्दों में लिखिए ।
- २) आपके विद्यालय में आयोजित 'बाल मेला' का वर्णन अपने शब्दों में कीजिये ।(A -4 शीट पर)

SOCIAL SCIENCE

- 1) Make a crossword from ch- HUMAN RESOURCE (10questions) ON A-4 SHEET
- 2) Frame one word questions and answers from ch - Indian National movement (atleast 25 questions) in your notebook.