

APPEJAY SCHOOL NOIDA
HOLIDAY HOMEWORK
CLASS VIII
ENGLISH

❖ Newspaper Activity

You are the editor of a newspaper. Your paper will contain four pages (A3 size, back to back).
Page -1: Give your newspaper a name and design its masthead. Write a fifty word editorial and illustrate with advertisements.

Page -2: National News - Cut out captions from the newspaper and write your own reports for them.

Page -3: International News - Cut out captions from the newspaper and write your own reports for them.

Page -4: Sports News - Cut out captions from the newspaper and write your own reports for them.

❖ You have 'The Adventures of Huckleberry Finn' as a supplementary reader. Read the first ten chapters and pick out fifteen difficult words and use them in sentences of your own on an A-4 sized sheet.

All work to be submitted in one folder.

HINDI

1. सरकार द्वारा नए उद्योगों के विकास के लिए शुरू होने वाली योजनाओं के विषय में जानकारी प्राप्त कर उन पर एक रिपोर्ट तैयार कीजिए।
2. प्रेमचंद के कहानी-संग्रह 'मानसरोवर' पढ़ कर कोई दो कहानियों पर 50 शब्दों में अपने विचार व्यक्त कीजिए।
3. छुट्टियों में घटित सकारात्मक कोई पाँच घटनाओं को A 4 sheet पर चिपकाएँ और अपने विचार व्यक्त करें।

GERMAN

1. ON AN A4 SIZE SHEET WRITE FEW LINES ABOUT YOUR FAVOURITE PERSON/CITY FROM GERMAN USING THE GRAMMAR YOU HAVE LEARNT TILL VIII CLASS.
2. MAKE A DICTIONARY TO ENRICH YOUR VOCABULARY AND TRY TO WRITE ATLEAST 2 WORDS EACH WITH ALL ALPHABETS USING A4 SIZE SHEETS.

FRENCH

1. On a plain white t-shirt (any size), write J'APPRENDS LE FRANCAIS and decorate it with water colors, etc.
2. Solve chapter 0, 1, and 2 in CAHIER.
3. Revise the verbs and its conjugations.

MATHEMATICS

1. The product of two rational numbers is 21 . If one of them is -35, find the other.
2. Divide additive inverse of $4/5$ by its multiplicative inverse.
3. If $p = 5/6$, $q = -7/6$ and $r = 13/12$, then verify $(p + q) + r = p + (q + r)$.
4. What number should be added to $-9/15$ to get $4/5$?
5. Subtract the sum of $(-5/3)$ and $(-8/9)$ from the sum of $3/2$ and $(-3/8)$.
6. Verify $a \times (b + c) = a \times b + a \times c$, if $a = 1/2$, $b = (-1/3)$ and $c = 1/4$.
7. Find value of the following expression using distributive property:

$$\frac{4x}{5} \times \frac{-3}{7} + \frac{1}{5} \times \frac{-3}{7}$$

8. Rearrange suitably and find the sum:

a) $\frac{(-11)+7}{9} + \frac{20}{5} + \frac{32}{9} + \frac{32}{5}$

b) $\frac{(-4)+7}{7} + \frac{7}{6} + \frac{2}{7} + \frac{(-11)}{6}$

9. If $a = 2/3$ and $b = 3/4$, then find $(a + b) \times (a - b)$.
10. Find any four rational numbers between $-1/5$ and $1/7$
11. Represent each of the following rational numbers on different number line:
a) $-4/5$ b) $8/7$
12. Find y, if $3/4 \div y = -7/48$.
13. Solve the equation :
 $8z + 4 = 3 (z - 1) + 7$
14. Solve the equation for a and check solution:
 $\frac{-1}{6} + \frac{a}{4} = \frac{a}{5} + \frac{3}{10}$
15. Solve the equation p and check solution:
 $\frac{3p - 2}{4} - \frac{(2p + 3)}{3} + p = \frac{2}{3}$
16. The difference of thrice a number and twice a number when divided by 7 gives us the number 6. Find the number.
17. The sum of three consecutive even numbers is 72. Find the numbers.
18. The present age of Mohan is three times the age of son. After 8 years, the sum of their ages is 72 years. Find their present ages.
19. Sudha has Rs 45 in the form of Re 1 and 50 paisa coins. If she has 70 coins in all, find the number of coin of each denomination.
20. The cost of 4 pens and 8 pencils is Rs84 . If one pen costs RS 12 more than the cost of one pencil, find the cost of one pen and pencil separately.

21. A man left one third property to his son, one fourth to his daughter and the remaining Rs 25000 to his wife. How much was the total asset of the man?
22. The angles of a quadrilateral are in ratio 2:3:5:8. Find the measure of each of the four angles.
23. The ratio of exterior to interior angle of a regular polygon is 1:4. Find the number of sides of the polygon.
24. Each interior angle of a polygon is 108° . Find the number of sides of the polygon.
25. Find the number of diagonals in the following quadrilaterals:
 - a) Hexagon
 - b) octagon
 - c) Nonagon

Hint : Use formula: Number of diagonals in a polygon of side 'n' = $n(n-3)/2$

26. For rational numbers $a = 4/5$, $b = -2/3$, $c = 1$, verify the following (for addition and Multiplication both)
 - a) Closure property
 - b) Commutative property
 - c) Associative property
27. Verify multiplication is distributive for $a = -1/6$, $b = 10$ and $c = 2/5$.
28. Two numbers which are multiplicative inverse of their own are _____ and _____.
29. Write multiplicative inverse of '0'.
30. Multiply the sum of additive inverse and multiplicative inverse of $-5/9$ by their difference.

PROJECT WORK

Prepare models of pyramids and paste them on cardboard or A-3 size sheet.

- 1) Triangular pyramid and pentagonal pyramid (Roll no. 1 - 12)
- 2) Rectangular pyramid and hexagonal pyramid (Roll no. 13 - 24)
- 3) Triangular pyramid and pentagonal pyramid (Roll no. 25 - 36)
- 4) Rectangular pyramid and hexagonal pyramid (Roll no. 37 – 50)

Group 1 and 2 can use nets of paper to make their model of pyramid whereas group 3 and 4 can use straws and wire mesh to their model. Also each student needs to:

- Paste pictures of monuments / buildings (of different countries) where you observe application of your pyramids in their construction.(minimum two pictures to be pasted)

MUSIC (VOCAL AND INSTRUMENTAL)

- ❖ Prepare colourful scrap book or chart
- ❖ Topic to be covered

1. Comparative study of Indian music & German music in short.
2. Instruments used in Germany and India-
 - India- Dholak, Naal, Flute, Harmonium etc.
 - Germany- Guitar, Drums etc.
3. Show their costumes and culture during musical performances through colourful pictures.

GENERAL SCIENCE

- As part of International School Award (ISA) activity, we are undertaking a project in science –“Munching Mania”.
- The project aims at creating awareness about unhealthy eating habits among children around the globe in various age groups and harmful effects/ diseases caused by it. It aims to help the children to develop into healthy adults.
- Students will survey a few group of individuals of different age groups and make a pictorial representation cum a brief account of different lifestyles and nutritional deficiency diseases and their occurrence in different countries (USA, UK, JAPAN, CHINA, INDIA and AUSTRALIA). Present your compiled work neatly in a scrap book.
- Prepare a comparative study of the diseases. You must present your collected data/information in the form of bar graph, pie chart, pictorial representation etc. Also give suggestions to reduce the occurrence of these diseases. Also prepare a power point presentation regarding the same.
- Each student will research on the given diseases according to the assigned roll numbers.
- You have to present your work in the form of a comparative account of the given countries.

ROLL NO.	LIFESTYLE DISEASE	NUTRITIONAL DEFICIENCY
1-10	DIABETES	NIGHT BLINDNESS
11-20	HYPERTENSION	OSTEOPOROSIS
21-30	OBESITY	VITAMIN D AND CALCIUM DEFICIENCY
31-40	ANOREXIA	ANAEMIA
41 Onwards	DEPRESSION	SCURVY

SOCIAL STUDIES

Prepare an information brochure on the festivals observed by the following countries: (allotted section-wise)

- VIII A – Japan – Obon festival
- VIII B – India – Diwali festival
- VIII C – Ghana – Yam festival
- VIII D – Peru – Inti Raymi (festival of Sun)
- VIII E – Portugal – The Madeira flower festival
- VIII F – USA – Thanksgiving Day

Students need to prepare an information brochure/booklet using an A3 size sheet, containing the following information:

- The background/history behind the celebration of the festival, the time of the year when it is celebrated, how is it celebrated (description of the festival). Students should use colourful pictures to make it attractive. It will be assessed on the basis of neatness, creativity, research and timely submission.

Date of Submission: 15th July (Wednesday), 2015.

SANSKRIT

1. ऋकारान्त शब्दरूप "मातृ , दातृ , भ्रातृ" लिखें तथा याद करें ।
(व्याकरण पुस्तिका में - grammar notebook)

COMPUTER SCIENCE

Q1 Choose any topic and illustrate it

- ❖ Prepare a chart on features of any two 3rd Generation Programming languages.
- ❖ Explain the generations of computers, development each generation, computers and languages of each generations(in a pamphlet form of any shape).

Q2 Choose any topic and illustrate it on A3 size sheet.

1. Any Search engine
2. Any Social Networking Website
3. Any Gaming Website

YOGA

- Practice Suryanamaskar daily, early in the morning.(3 rounds)
- Practice Vajarasana daily (after meal).
- Make a collage on a chart paper with your photographs performing different asanas (any 5 asanas).

GENERAL KNOWLEDGE

- Students will make a thin notebook and write/paste one or two news items in it daily.
- Prepare for a Class Quiz to be held after the summer vacations. The syllabus for the quiz will include the following:
 - Unit 1 – Nature Talk
 - i) Herbal life-Plants with a difference.
 - ii) Migration & Flight facts.
 - Unit 2 – India
 - i) Preserving our heritage.
 - ii) Indian laureates.
 - Unit 3 – World
 - i) World Parliaments
 - ii) Popular Festivals.
 - Unit 4 – Sports
 - i) Well known Playgrounds
 - ii) Asian Games.
 - iii) Board Games
 - iv) Adventure sports.
 - Current events.
 - General awareness.

APEEJAY SCHOOL, NOIDA
PHYSICAL FITNESS PROGRAMME FOR SUMMER BREAK
CLASS VIII (BOYS AND GIRLS)

'Day 1 to 3'

For First and Second Week

- | | | |
|--|---|------------|
| 1. Walk | - | 15 minutes |
| 2. Skipping | - | 50 times |
| 3. Simple free hand exercise followed by stretching exercise | | |
| 4. Cooling down | | |

'Day 4 to 6'

- | | | |
|--|---|------------|
| 1. Jogging | - | 15 minutes |
| 2. Rest | - | 5 minutes |
| 3. Skipping | - | 100 times |
| 4. Rest | - | 5 minutes |
| 5. Simple free hand exercise followed by stretching exercise | | |
| 6. Cooling down | | |

'Sunday Rest'

For third and fourth week

'Day 1 to 3'

- | | | |
|---|---|-----------|
| 1. Fartlek- Running 3 minutes followed by 3 minutes walking. Repeat 3 times and no rest in between. | | |
| 2. Rest | - | 5 minutes |
| 3. Skipping | - | 50 times |
| 4. Rest | - | 5 minutes |
| 5. Simple free hand exercise followed by stretching exercise | | |
| 6. Cooling down | | |

'Day 4 to 6'

- | | | |
|------------------------|---|------------|
| 1. Jogging | - | 5 minutes |
| 2. Cycling | - | 15 minutes |
| 3. Rest | - | 5 minutes |
| 4. Stretching exercise | - | 5 minutes |
| 5. Cooling down | | |

'Sunday Rest'

For Fifth and Sixth Week

'Day 1 to 3'

1. Running	-	20 minutes
	OR	
Cycling	-	20 minutes
2. Rest	-	5 minutes
3. Skipping	-	50 times
4. Rest	-	4 minutes
5. Stretching exercise	-	5 minutes
6. Cooling down		

'Day 4 to 6'

1. Running 20 minutes or cycling 20 minutes or fartlek training (running 3 minutes, walking 3 minutes)
2. Repeat 3 times each and no rest in between
3. Rest - 5 minutes
4. Stretching exercise - 5 minutes
5. Cooling down

NOTE: One can increase or decrease number of repetitions/ duration of exercise/ intensity of the exercise according to individual capability.

'Sunday Rest'

You should follow the following steps while doing the physical exercise:

A different form of exercise makes our body beautiful, flexible and agile. As a result of exercise and training an improvement takes place if the functioning of various systems of our body.

Irregular and unsystematic exercise may do more harm than good. So while doing exercises you should follow the following rules:

1. You should perform exercises in open air.
2. For balanced development of our body, all parts should be exercised.
3. Loads of exercise should be increased gradually by increasing time, speed and intensity.
4. Never do exercise with jerks.
5. Never attempt any severe activity without proper practice.
6. Exercise should be done regularly with suitable interval.
7. Warming up exercise is essential before any hard work.
8. Proper rest is essential after exercise.
9. One must take proper diet after exercise.

Following Points Should Be taken To Maintain Proper Diet.

1. Over weight children should take limited quantity containing food like butter, cheese, meat, salamis, etc.
2. One should avoid junk food like pizza, burger, oily food, chocolates, cold drinks, noodles, etc.

How To Avoid Fat Containing Food.

1. Instead of butter and cheese use honey or jam.
2. Eat tandoori, grilled preparation instead of curry prepared.
3. Eat chicken, fish instead of red meat.
4. One should increase the intake of fluids during summers.
5. Prefer fresh fruits like banana, apple, grapes, mangoes, orange, water-melon, etc.
6. Increase intake of nutritional food like spouts, baked beans and dals.