

### **English Language**

Adventures with Grammar and Composition

Do Pgs: 24 – 32      Ex A – K

Pgs: 33 – 37      Ex A – E

Pgs: 40 – 43      Ex A – I

Friday After Comprehension Ch: 4 & 6

### **English Literature**

Read the book Huckleberry Finn

Reader Jasper – Read the chapter Scrooge and the Ghost, If you had a friendly Ghost...

Illustrate what it would look like. Discuss the character traits of your ghost. Compare your ghost with the ghost mentioned in the story

OR

Write a short conversation you had with the Ghost.

Desired length: 300 words

This work is to be done on Art / Comment sheets. Read two stories written by O' Henry. Mention their names.

### **Maths**

To verify the formula for area of circle. Do the worksheet given. Rapid fire – Linear equation pages 10-16. Factorisation Pgs: 102 – 105, Direct and inverse proportions Pg 96 – 99

### **Chemistry**

#### **Chemistry in everyday life**

Observe your surroundings and make an interesting project displaying any five useful and five harmful chemical reactions taking place around you. You can use art sheet and paste related pictures. Write the relevant observations and equations.

### **Physics**

To determine the density of any two solids (iron, aluminium, wood, plastic) and any three liquids (milk, coconut oil, honey, mustard oil, vinegar) with the help of self made measuring cylinder.

### **History**

Paste pictures of first five Prime Ministers and first five Presidents of India. Write a paragraph about all of them.

### **Biology**

Collect material on the topic Ecosystem (You can choose any one type of ecosystem)

Things not to be used Plasticine, Thermocols, 3-D Models

- Activity to be done in class itself.

### **Hindi Literature**

अपनी पाठ्य पुस्तक 'लक्ष्य' के पाठ 'लजीज दाल' को पढ़कर पाठ के आधार पर 'नवाबी सभ्यता' की सनक को ध्यान में रखकर एक व्यंग्यात्मक एकांकी लिखें। यथासंभव चित्रों का प्रयोग अवश्य करें।

### **Hindi Language**

ग्रीष्मावकाश अथवा शीतावकाश में आप कहाँ घूमने गए? उस स्थल के वातावरण, मौसम, ऐतिहासिक, प्रमुख स्थल, भाषा, स्थानीय लोगों के रहन-सहन, खान-पान तथा अन्य विशेषताओं का गहन अध्ययन कर एक लेख लिखें तथा उस स्थल के कुछ चित्र अवश्य लगायें।

- Children to do ten pages of writing in English and Hindi Both
- Holiday homework may be marked

## MATHEMATICS

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- Q1) Two numbers are in the ratio 5:3, if they differ by 18. What are the numbers.
- Q2) The denominator of a fraction exceeds its numerator by 4. If the numerator and denominator are both increased by 3, the new fraction becomes  $\frac{4}{5}$ . Find the original fraction.
- Q3) *Three more than twice a number is equal to four less than the number. Find the numbers.*
- Q4) solve  $\frac{2y+3}{3y+2} = \frac{4y+5}{6y+7}$
- Q5) Solve  $\frac{p}{3} + \frac{p}{4} = 55 - \frac{p+40}{5}$
- Q6) Factorise (i)  $9(a - 2b)^2 - 16(2a - 3b)^2$  (ii)  $1+p+pq+p^2q$
- Q7) Factorise (i)  $ax + by + bx + az + ay + bz$  (ii)  $ab^2 + (a-1)b - 1$
- Q8) If 13.25% of a number is 159, find the number.
- Q9) In a school, 38% of the students are girls. If the number of boys is 1023, find the total strength of the school.
- Q10) A student secured 32% marks in an examination and failed by 12 marks. Another student secured 42% marks and got 28 marks more than the minimum marks required to pass. Find the maximum marks and the pass percentage.
- Q11) Calculate the difference between the compound interest and simple interest on rs.20,000 in 2 years at 8% p.a.
- Q12) Compute the amount and the compound interest on rs 10,000 compounded annually for  $2\frac{1}{2}$  years at 4% per annum.
- Q13) At a certain rate of simple interest rs. 4050 amounts to rs. 4576.50 in 2 years. At the same rate of simple interest, how much would rs 1 lakh amount to in 3 years?
- Q14) The sum of three consecutive multiples of 8 is 888. Find the multiples.
- Q15) A hostel had rations for 150 students for 60 days. After 12 days, 30 more students join the hostel. How long will the remaining ration last?