

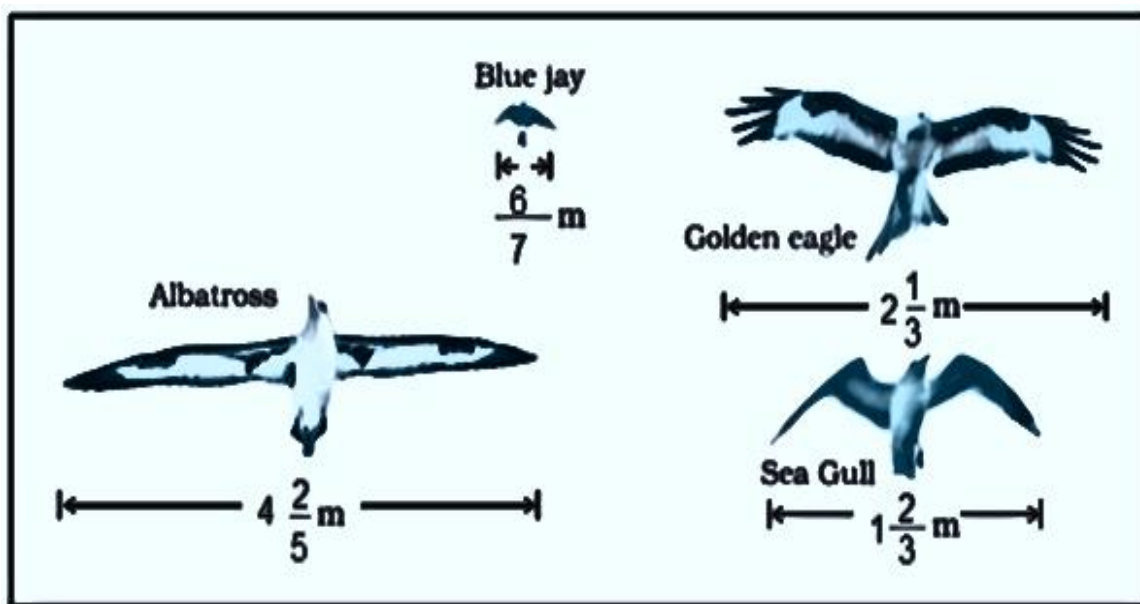
**Delhi Public School, Gandhinagar**  
**Academic Session-2022-23**  
**Class : VIII**

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|----------------|---|
| <b>Subject</b> | <b>Holiday Homework</b>   |
| <b>English</b> | Draw any one symbol of peace like Dove, White Flag, Broken Rifle, etc. on an A4 size sheet and write on it a poem based on the theme- Universal Love and Amity. |
| <b>Hindi</b>   | वसंत ऋतु पर आधारित दो कविताएं सचित्र लिखिए। (A4 size paper )  |

**Maths**

**ANSWER THE FOLLOWING ON AN A4 SIZE PAPER**

**Q1.** The diagram shows the wingspans of different species of birds. Use the diagram to answer the questions given below:-



- Which bird has the smallest wingspan? How much shorter is its wingspan than a metre?
- How much shorter is the wingspan of a Sea gull than the wingspan of a Golden eagle?
- What will be the length of the wire tied between two poles, if all the birds are standing close to each other on the wire with their wings wide open? (Consider the space between them as negligible).

(d) Verify that:

$$\left(4\frac{2}{5} + 2\frac{1}{3}\right) + 1\frac{2}{3} = 4\frac{2}{5} + \left(2\frac{1}{3} + 1\frac{2}{3}\right)$$

(e) What is the multiplicative inverse of the additive inverse of  $\frac{6}{7}$ ?

**Q2.** To enhance the reading skills of grade VIII students in French language, the school nominates you to set up a French library. There are two sections- section A and section B of grade VIII. There are  $x$  students in section A who have opted for French out of 40 students and in section B, one half of the  $x$  students plus 8 more have opted for French. If the total number students who have opted for French in grade VIII is 26 -

|                         |  |
|-------------------------|--|
|                         | <p>(a) How many students are there in section B, if the total strength is three times the number of French students in that section?</p> <p>(b) How many French books are required for section A students in their library period if each child has to get one book?</p> <p>(c) Which section needs more French books in their library period?</p> <p>(d) How many books of other languages are needed for both the sections?</p> <p>(e) Which of the following is a linear equation and why? Also, solve the linear equation.</p> <p>(i) <math>\frac{x}{3} + \frac{2}{x} = \frac{1}{2}</math>    (ii) <math>\frac{x}{4} + \frac{-x}{5} = \frac{1}{5}</math>    (iii) <math>\frac{-1}{3} + \frac{2}{x} = \frac{11}{2}</math></p> |
| <b>Science</b>          | <p><b>Topic: To prepare a collage on Agricultural Practices in India -Traditional Vs Modern.</b></p> <p>Students can choose any two topics from the following:</p> <ul style="list-style-type: none"> <li>- Tools/ agricultural implements</li> <li>- Methods of irrigation</li> <li>- Storage</li> </ul> <p>Student will make a collage related to the above topics on A4 size paper.</p>   |
| <b>Social Science</b>   | <p><b>Topic: 'My safety book'</b></p> <p>Collect information and pictures of any one of the Natural disasters like cyclone, flood and earthquake.</p> <p>Write DOs and DON'Ts in case of its occurrence.</p> <p>Mention 'Emergency Numbers' of the nearest hospital, police, ambulance service, fire service in case of emergency.</p> <p>Use two coloured A4 size sheets.</p>   |
| <b>Sanskrit</b>         | <p>शब्दरूप-लेखनम् - देव, कवि, भानु, पितृ, माला, देवी, मति, मातृ, वनम् to be done in a notebook</p>   |
| <b>French</b>           | <p>Écrivez 10 à 15 phrases sur « Que savez- vous de la France?» en français.</p> <p>Write 10 -15 sentences on "What do you know about France?" in French .</p> <p>Écrivez 5 exemples de conjonctions en français.</p> <p>Write 5 examples of conjunctions in French.</p> <p>Write it on A4 size Paper.</p>   |
| <b>Gujarati</b>         | <p>વેકેશન દરમિયાન કરેલા પ્રવાસનું વર્ણન કરો-. Write it on A4 size Paper</p>  |
| <b>Computer Science</b> | <p>Explain network topologies with figure. To be done in Notebook.</p>   |