



ÉCOLE GLOBALE
INTERNATIONAL GIRLS' SCHOOL
Dehradun

Holiday home work

Summer break 2018-19

Class- IV

Subject- Science

A. Answer the following questions in holiday homework notebook:

1. Describe the adaptations present in a desert plant.
2. What type of adaptations are present in the plants growing in hilly areas?
3. What are marshes? What type of trees grows in marshes? What are the adaptations found in those trees?
4. How are deciduous trees different from evergreen trees? Give five examples of both types of trees.
5. What are forests? Why are they important for us?
6. Explain what are grasslands? What types of animals are found in grasslands?
7. How do underwater plants take CO₂ for photosynthesis? Explain.
8. Why do plants store food inside them? Give some examples of plants that store food in their body.
9. How do plants maintain the balance in nature? Explain.
10. How does flow of energy takes place in the living world?

NOTE: Make colourful and well labelled diagrams wherever relevant.

B. Take a pastel sheet (A4 size) and draw colourful and well labelled diagrams of the following-

1. Process of photosynthesis (Roll no. 1 to 5)
2. Parts of leaf (Roll no. 6 to 9)

NOTE: Use light coloured pastel sheet for making poster.

C. Project work- To make herbarium

1. Take a scrap book (one side ruled and one side coloured).
2. Collect 10 x 2 different leaves (two leaves from each plant) found in your locality.
3. Make two sets of all ten leaves.
4. Take one set of leaves and keep it for drying.
 - a. Drying can be done by keeping the leaves between old books/notebooks for 15 to 20 days.

- b. Drying can also be done by keeping the leaves between two sheets of newspaper and ironing it (at low temperature).
5. Paste this dried set of leaves on the coloured page of scrap book (with transparent sticking tape).
6. Take the other set of leaves and use this set for leaf painting (leaf imprinting) on the ruled side of the page (use different colours for leaf painting).
7. Use the same leaf for leaf painting as the one which is pasted on the coloured side of the page.
8. After drying off the colour, write the name and description of the plant from which the leaf was taken.
9. Cover and decorate the scrap book.