Herbarium PBL

*“On a trip to Kerala after the Monsoons, the profusion of flowers and their beauty impressed me. I wanted to find a way to take them back with me to the city. I dried the flowers between the pages of my book. Not only did they leave the imprint of the petal on the page, they also dried into fragile wisps. I treasure them to this day…”*

*By Rani Iyer*

*Memories are queer little things .Those moments which we feel are very important in our lives are quickly forgotten but those seemingly trivial are etched in our memories for ever… built a herbarium…preserve those happy moments for a life time…*

*Make a herbarium of your own, minimum of 05 sheets.*

*(*Herbarium is a collection of dried and mounted plant specimens used in botany. To preserve their form and colour, plants collected in the field are spread flat in sheets of newsprint and dried, usually in a plant press, between blotters or absorbent paper. The specimens, mounted on sheets of stiff white paper, are labelled with all essential data, and placed in a protective case. Herbariums are an important aspect in plant ecology studies. They are essential for the study and verification of plant classification, the study of geographic distributions, and the standardizing of nomenclature. Thus inclusion of as much of the plant (e.g., flowers, stems, leaves, seed, and fruit) as possible is desirable. )

*After collection, pressing, drying, the finished plant specimens should be mounted on herbarium sheets. The following details should be filled at the left bottom of the sheet:*

On the left side of the paper you should include the following information:

Common name:

Special habitat conditions:

On the right side of the paper, following information will be included:

Agents of reproduction and explanation:

You can support your answer with pictures etc

The process of drying would not take more than 3-4 days, then again it depends on the water content of your plant specimens.

*Here are your resources:*

*The links provide you with all the information you need for the project. Also find the links to videos on how to make one.*

1. <http://www.funsci.com/fun3_en/herb/herb.htm> (All that you would need to know)
2. <http://dimdima.com/ecology/ecology_activities/show_activity.asp?q_aid=157&q_title=Make+Your+Own+Herbarium> (tips for a simple herbarium)
3. <http://www.youtube.com/watch?v=rhspYfnQM9M> (video on making herbarium)
4. <http://www.youtube.com/watch?v=GBgkLd5_GkQ&feature=related> (video on pressing a specimen)

**Mark allotment:**

Preserving techniques/neatness: 10

Content: 5

On time submission: 5