

Hydroponics On Wheel

Billabong High EPS International School

“ Objective of the project: By using the present model of the Volksgarden, we would like to make few more of such types with locally available material and grow ornamental plants and vegetable plants in different floors of our school. Ornamental plants are to make the school environment green and vegetables produced are marketed by the Business club of our school as a startup entrepreneurship. Our school has found out an innovative way of implementing hydroponics in greening the school. This project work is called VOLKSGARDEN. The components of the project are imported and assembled in our school by our students. The Volksgarden is a broad wheel where the seedlings are placed in rock salt cubes which are specially designed for the Volksgarden. The main findings of this project are that the Volksgarden is cost effective in many ways. It uses minimum power, needs less nutrients as they are dissolved in the circulating water.

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Recommendations: As Volksgarden is cost effective and needs less space, all the schools can have at least one of it as an Ecoschool project. And also the multi Store buildings along with their terrace garden, can have one Volksgarden. This reduces the expenses incurred to buy vegetables and also reduce burden on tshe government to import vegetables and save foreign exchange.

Conclusion: Volksgarden is a small initiative by Billabong High EPS International School to bring awareness in the school ecoclubs or nature club activities. It is also an initiative to bring awareness in the society to grow decorative and vegetable plants in Volksgarden and market them and begin a startup entrepreneurship.

