

REPORT ON FIELD WORK

The **Sri Vidyanikethan International School** Science department has begun a new field work programme to give students hands on, real world experience of different biological process within agriculture. This started with the creation of a small vegetable patch on the school grounds. As well as a trip to a poultry and dairy farm.



The students are responsible for the creation and maintenance of the vegetable patch, during which they learn about modern agricultural techniques and technologies such as “**mulching sheet**” and “**drip irrigation**”. These modern technologies are very important for the sustainable and eco-friendly future of Indian agriculture.



As a part of activity based learning the children first prepared the soil by ploughing it. Then they added manure and fertilizers (NAP, Potash, and urea) and separated the field into rows. Each row was then covered with mulching sheet .The mulching sheets help to retain moisture within the soil, Also the students set up drip irrigation for the new plants.





Each row of the garden is the responsibility of one group of students, who will cultivate their crop all the way to harvesting.





The children learn that these new technologies are much more economic and profitable as well as eco- friendly compare to older traditional techniques.





This hands on learning experience makes the lessons fun and very memorable. Since the children are responsible for their own crops, they become very interested and invested in the different processes involved. After harvesting the crops will be used in lunches and dinners in the school mess, giving the children a complete experience of the farm to table process and a great sense of achievement, especially the boarders who will provide most of the farm's maintenance and labour.