

Action Project of Yuva Paryavaran Leader Students

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Lucknow



Theme – Pollution

Objective- The main objective is to spread awareness among people about why is it important to prevent soil pollution and the ways to do so. Our first effort would be to contact maximum people and make them aware about various techniques and methods of preventing soil pollution. Some of these methods can be use of manure, vermicomposting, green manure, crop rotation use of natural fertilizers, etc. Another aim is to minimize the use of chemical fertilizers and pesticides.

Need of the project- When garden plants grow on contaminated soil, they can produce fruits and vegetables that people shouldn't eat. The plants absorb the chemicals, but the plants do not break down and process chemicals the way they do nutrients. Children and animals can be even more susceptible to illness through contaminated plants than adults.

Similarly, children and pets that play outside can be poisoned from contact with the soil itself. Pollutants like lead and mercury, as well as high levels of organic compounds like nitrogen and phosphorus, can be directly ingested or tracked inside on shoes and paws, presenting a health risk for the entire family. Continued exposure to soil contaminated with lead can cause serious health issues, such as high blood pressure and nervous-system disorders in adults, as well as learning disabilities in children. In order to ensure safety of others this project is important.

How you will achieve it-

- 1) Meeting with scientists to get details of various ways to prevent soil pollution.
- 2) Organizing workshops in school to make students aware of the harms of using chemical fertilizers and ways to prevent it.
- 3) Organizing pamphlet making and slogan writing competitions on ways to prevent soil erosion.
- 4) Distributing pamphlets to people which will aware people.
- 5) Demonstration of use of organic fertilizer in school in the school garden to inspire students to do the same.