

►

## A Sharing on "Saint Joseph Thare School's Zero Waste Management Project"

► What have inspired you to join the Zero Waste School Project ?

► 1.1 One of His Majesty the King's speeches in which he states that



*" ... Protecting the environment is tantamount to saving our children's future."*

► 1.2 One of our school's visions which states that taking care of environment



► Congregation of the Sisters of Saint Paul de Chartres, "Be All to All"



We have adopted and applied the King's Philosophy (Sart Praracha) in our school waste management project

► 1.3 We realize that waste is an important factor that destroys the environment and we found out that in our school there are two main sources where waste come from:



**Natural Source**

**Human Source**

## 2. How does the school enforce waste management?



We use the King's Philosophy as a way to enforce waste management following 3 Rs Principles, in both dimension of academics and activities.

## 2.1 Academic Dimension:



Following His Majesty the King's Philosophy to working, the school's curriculum has integrated teaching and learning processes in all 8 subject groups.



Through brainstorming, we have developed step-by-step methods in making waste management easier and more self-manageable to the point that it has become a way of life. With patience and diligence, we started with small things and moved on to bigger ones. By being environmentally friendly with nature, we have let nature help itself; for example, covering the soil with dry grass and hay, using earthworms to get rid of natural wastes, and even using earthworm manure as fertilizer.

Students, and workers both theoretical and practical knowledge on the environment

2 Activities Dimension: Following the Ministry of Education's "Lessen Study Time, and Learning By Doing Time" policy, students learn by doing in each of the 13 stations in our "King's Philosophy Garden" (SuanSartPraracha).



Station 1 - Studying Herbs

## Station 2- Organic Farming



## Station 3- Feed the Soil and Let the Soil Feed the Plants



## Station 4- Growing Three Kinds of Plants



## Station 5 Sufficiency Economy Station



## Station 6- Fertilizers Using HRH Princess Sirinthorn's Formula and Application



## Station 7- Triple Waste Water Treatment Pla



**Station 8- Biogas or Organic Gas Station**



**Station 9- Organic Water Study from Undesirable Dried Herbs**



**Station 10- Growing Mushrooms**



**Station 11- Feeding Earthworms to Get Rid of Organic Waste**



**Station 12- Recycled Waste Bank**



**Station 13- Charcoal Incinerator 200 Litres Station**



## Success Gained from Joining Zero Waste School Management Project. On the Personal Level:

- ▶ All school personnel gained knowledge and understanding of the importance of cooperation to urgently preserve the environment the use of 3 Rs principles.
- ▶ All school personnel are united, understanding, compassionate and see the importance of their colleagues and well as respect their abilities.



## Success Gained from Joining Zero Waste School Management Project. On the Personal Level:



- ▶ All school personnel have become service-minded and service-oriented. They care for the community more than they care for themselves

## Success Gained from Joining Zero Waste School Management Project. On the Personal Level:



All school personnel are loyal to HM the King in a sustainable, stable, and firm way after having learned of the King's Philosophy.

## Success Gained from Joining Zero Waste School Management Project. On the Personal Level:



All school personnel understand and practice the Sufficiency Economy well enough, to be used as their way of life now and in the future.

## Place/Organization



The school has become a learning center that is visited by many organizations. Because of this, we have been able to extend and expand our knowledge and methods work on the environment and waste management, which has resulted in the sustainable preservation of the environment.

The school was awarded Her Royal Highness Prince Sirindhorn's Trophy for Zero Waste School Project on the national level.



**Social :** The school is greatly acknowledged by many organizations, both far and near, as evidenced by requests for visits to the school, for school persons to be guest speakers in other organizations, and for the school to share its Zero Waste Project.



**Social :** The school has received help and cooperation from both public and private sectors and organizations in sharing knowledge and has even received equipment from them.



**Social :** The school receives cooperation from parents and the community in its Zero Waste School activities.



**Social :** The school has made other communities more aware of the importance of preserving the environment by getting rid of waste. This has been seen and affirmed from the many requests to visit our school.



#### 4. Problems and Solutions





Thank you.