Project Based Learning (PBL)

On

Unit 5- Microbes and their application.

A ‘small’ big world?

Students design a Scrap Book with pictures, newspaper cuttings, schematic representation and information on various micro-organisms benefits, harmful effects and their application in industries.

***What your Scrap book must cover:***

1. ***Role of microorganisms in the production of*** : (organism+ role+ simple process in production)
2. Cheese/yogurt
3. Wine
4. Beer
5. bread.
6. ***Role of microbes in ecosystems:*** (organism+ explanation)
7. as producers
8. Carbon fixers
9. decomposers
10. in the nitrogen cycle.
11. ***Explain the consequences of releasing raw sewage and nitrate fertilizer into water bodies***.

***You will be awarded for the:***

***Presentation:*** Its uniqueness, simplicity and originality (5M)

***Content:*** Organization, clarity, accuracy, completeness. (20M)

***Resources:*** Variety, acknowledging the sources, relevance. (5M)

***On time submission:-*** 4th of April, 2013 *for all sections of grade 8* (5M)