

Title : why do we brush our teeth before sleeping ??

Children should learn microorganisms specifically bacteria because this tiny organism has the ability to change the world , it helps human in making yogurt , making cosmetics, making antibiotics and can cause many diseases. Children cannot see this organism by naked eye but they know only its bad effect like tooth decay . we will learn them how this bacteria help us in digestion and give us the immunity for children 8-10 years.

Duration: the workshop takes 50 minutes

Category : Science, Art And Technology

Materials :

- 1- Petri dish
- 2- loop
- 3- Glass slides
- 4- Glass covers
- 5- Test tube
- 6- Funnel
- 7- Filter paper
- 8- Dropper
- 9- Yogurt
- 10- Milk
- 11- Dist. water
- 12- Soil
- 13- Beaker
- 14- Flask
- 15-

Equipment :

- 1- Microscope

Lesson design

5 minutes (identify 5 types of microorganisms and their presence)

5 minutes (collection of soil samples)

10 minutes (isolation of bacteria from soil and preparing slides of bacteria and examine it under microscope)

2.30 minutes (video of different shapes and presence of bacteria)

2.30 minutes (video of bacteria inside our body and its uses in digestion process)

5 minutes break

10 minutes (children will use computer to know all information they want to know about bacteria and make a simple power point)

10 minute the project (each child shows what they learn in this session to other children and ask him)

Task : search for bacteria in outer space