



शाहू शिक्षण संस्था (पं.)

अध्यापक महाविद्यालय (बी.एड) शहाड (पश्चिम) - ४२१३०१

सरावपाठाचे नियोजन

### Lesson Planing

विद्यार्थी शिक्षकाचे नांव : Neha Shrikar हजेरी क्रमांक : 11  
(Name of the Pupil-Teacher) (Roll No.)

शाळेचे नांव : Parvati English School इयत्ता : IX<sup>th</sup> तुकडी : A  
(Practicing School) (Std.) (Div.)

पाठ क्रमांक : 09 तासिका : 07 वेळ : 30 min  
(Lesson No.) (Period) (Time)

विषय : Science घटक : Environmental उपघटक : Solid waste  
(Subject) (Unit) (Sub - Unit) Management

पाठ्यांशामधील समाविष्ट मूल्य व गाभाभूत घटक : Scientific attitude and Protection of Environment.  
(Including Values & Core - elements)

अपेक्षित पूर्वज्ञान : Student know about waste management.  
(Expected Previous Knowledge)

प्रस्तावना : Teacher introduces the topic solid waste management  
(Introduction) Teacher asked question to students

a) What is pollution?

b) In which different way do our surroundings get polluted?

c) What are the different things included in solid waste?

Student answered the question.

हेतुकथन : So today we are going to study about Solid waste management.  
(Satatement of Aim)

संदर्भ साहित्य / शैक्षणिक साहित्य : Colour chalks, Flash cards.  
(Reference Material / Teaching Aids)





# PARVATI ENGLISH HIGH SCHOOL

## ROLE PLAY

SUB: - Science

STD: - IX<sup>th</sup>

Ch:- 9th Environmental Management

TOPIC:- Solid Waste Management

ROLES: - THE COMMON MAN, SCIENTIST, EARTH

### ↻ DIALOGUES ↻

✦ Earth: - Oh God sees all the waste gets collected on me everything is smelly & polluted.

✦ The Common Man (boy): Oh no earth I don't know what I did wrong to whom should I ask?

(entry of scientists)

✦ Scientist:- I would like to tell you The importance of waste management.

✦ The Common Man (girl):- Please help me, scientist, so I can do better

✦ Scientist:- Okay I will guide you first let us know the type of waste material present on earth.

✦ Earth:- I can tell you that scientists there are different kinds of material. Domestic waste, industrial waste, hazardous waste, farm waste, electronic waste, biomedical waste, urban waste, radioactive waste, and mining waste

✦ Scientist:- Right earth, we can the waste material categories into two types biomedical waste, urban waste, radioactive waste, and mining waste biodegradable waste & non-biodegradable waste.

✦ biodegradable waste- Biodegradable waste: This type of waste is easily degraded by microbes. It mainly includes kitchen waste (spoiled food, fruits, vegetables) ash, soil, dung, parts of the plants, etc. This waste is mainly of organic type and is also called 'wet solid waste'. If it is carefully decomposed, we can get compost and fuel of good quality from it. Such biofuel projects have been started in many cities.

✦ The common man (boy):- That very good idea sir we should start working on it.

✦ Scientist:- Yes dear & about Non-biodegradable waste: This type of waste is not easily degraded because it requires a very long period and the use of various techniques. It includes plastic, metal and other similar materials. This type of waste is also called 'dry solid waste' or 'dry garbage'.

✦ The common man (girl):- Okay now I understand we should separate the degradable & non-degradable waste.



- ✦ Earth:- Sounds good. so there is scientific & eco-friendly waste management.
- ✦ Scientist:- Yes dear earth there are many like 1 separation & categorization of waste, 2 composting, 3 safe landfill sites, 4 vermicomposting, 5 industrial solid waste management, 6 pyrolysis (energy production by burning waste at high temperature), 7 biomedical waste.
- ✦ The common man (boy):- No doubt I try this scientific and eco-friendly way.
- ✦ Scientist:- ♻️ Following the 3 R 'mantra': Reduce (reducing the waste), Reuse (reuse of waste) and Recycle (recycling of waste). Throwing plastic wrappers of chocolates, ice creams, biscuits, etc. into dustbins. Avoiding littering. Avoid using plastic bags instead of cloth bags or bags prepared from old sarees, bed sheets, curtains, etc. Use both sides of a paper for writing. Reusing greeting cards and gift papers.
- ✦ The common man (girl):- I think it's the best way to do waste management.
- ✦ Scientist:- We should Avoid the use of tissue paper and prefer to use a handkerchief. Using rechargeable batteries instead of lead batteries. Implementing various programmes of solid waste management and educating, and encouraging the family and society in this regard. Avoiding 'use and throw' type of articles like pens, canned cold drinks, and tetra-packs should be strictly avoided. hope you understand the way of waste management.
- ✦ The common man (boy):- Yes scientists thank you for guiding us I am going to follow this to keep my surroundings & environment clean.
- ✦ the common man (girl):- Sorry earth, we did not take care of our waste & make it polluted & toxic. now we work hard for you & also for us. we do waste management & guide others too.
- ✦ Earth:- It's ok my child from now on take care.

Every one thanked





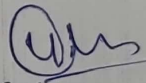
## OBSERVATION TABLE

### THEME BASED LESSON

Role play

Name of School/ College : Parvati English High School.

Sr. No.	Points	Excellent	Very Good	Good	Average	Fair
1	Selection of Theme			✓		
2	Use of Proper methodology			✓		
3	Accuracy in presentation			✓		
4	Social message			✓		

  
Sign of observer