



DELHI PUBLIC SCHOOL, SAHIBABAD

Lesson Plan- Ch-7 (Experiments With Water)

Learning Goals	• To understand different properties of water. • To make them learn about sinking, floating, evaporation and different processes related to water in our day to day life.
Learning Outcomes (LO)	• Children will be able to know changes in sources and water availability over time • -To know about 'piaao' community service especially for long distance travelers • To identify the methods of saving water • Understanding consequences and avoid wastage of water • know from where do farmers get water to grow crops • Develop Map pointing skills
Activities Planned for learning	• Classification of things around to see which float ,which sink and which mix with water • Hands –on activity to observe solubility in water , floatation • List out things that float/sink in water by showing experiments • At different heats using ice and equal amount of water and counting the number of sugar cubes that dissolve in water of different temperature . • Science evaporation experiment using transparent glass /plastic container ,water ,marker ,record sheet. The container is to be filled with 3/4th water and level is to be marked with a marker .This has to be observed for many days .The level of water has to be recorded every day .a graph can also be made .
Questions on TLOs, HOTS	1. Which will float- empty plastic bottle or filled one? Why? 2. Why does Lemon floats in salty water? 3. Why Iron nails sink in water but katori floats? 4. Why does water flows faster than oil? 5. How can we convert a sinker into a floater? Give example.
Life Skills to be developed	• Observation and Practical skills • They will observe critically. Scientific skill will be developed. • They will learn to work independently. • They will be able to understand how we can use dirty water of pit well for cleaning purposes.
Suggested Activities to inculcate Life Skills	• A club will be organized to conduct experiments and collect related questions from the peer group in the class. • Make the whole class aware of that water which clean may not be clean because many impurities may be dissolved in it. Children will be asked to make posters, paintings and slogans related .

**Strategies to
evaluate Life Skills**

Quiz:

a. Who took Dandi March.

b. Write the name of a thing which is essential for cooking and prepared by using sea water

Observe and identify the picture.

1.



True/ False

1.Ship is heavy. So it will sink in water.-----

2.Coffee will dissolve in water.-----