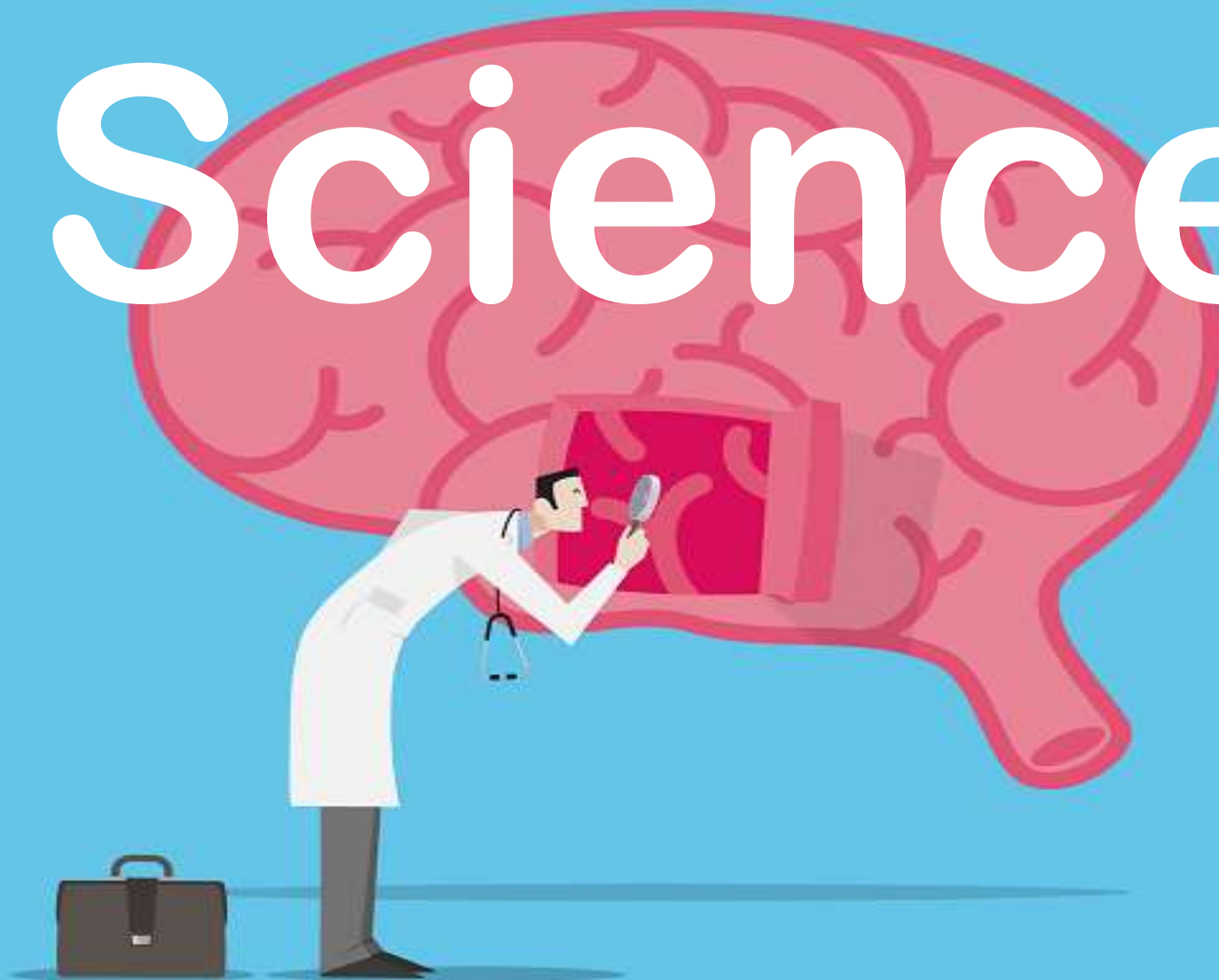


Alavi

21st Century Schools

Science

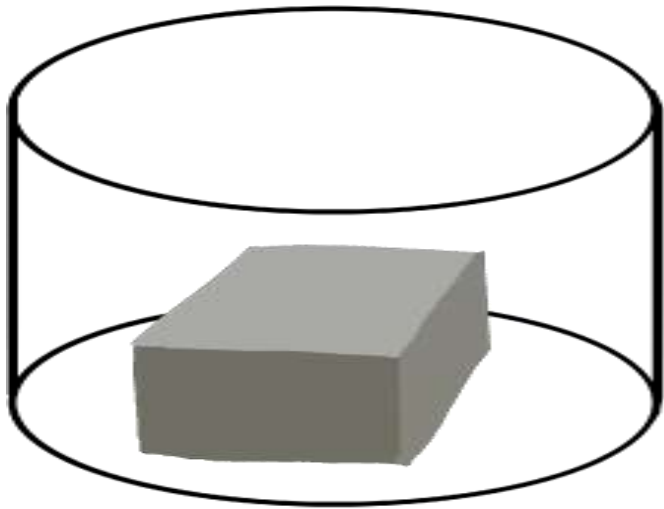


Hello!!

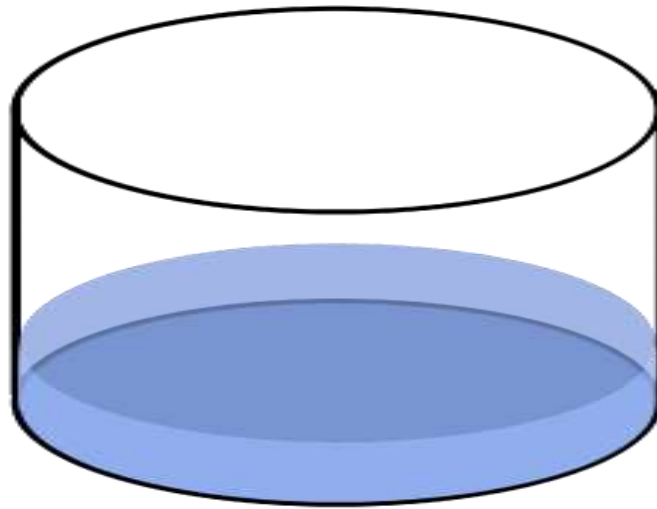




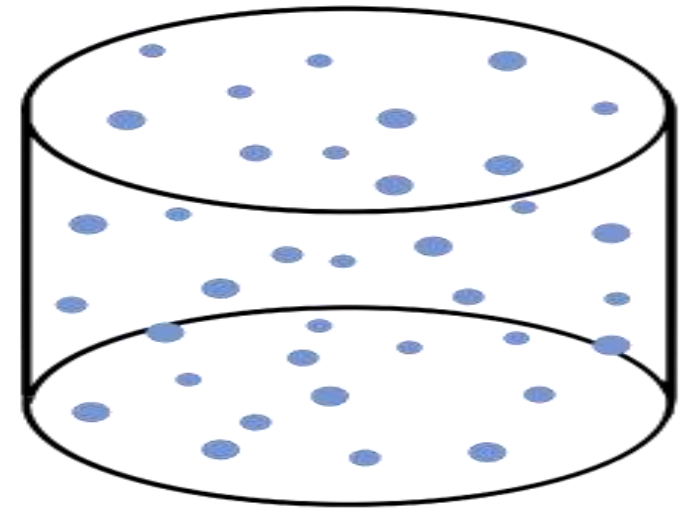
Different states of matter:



SOLID
Holds shape
Fixed volume



LIQUID
Shape of container
Free surface
Fixed volume



GAS
Shape of container
Volume of container

solid



liiquid



Water



Fruit Juices



gas

The image shows the word "gas" written in a bold, black, cursive font on a blue background. The text is centered between three horizontal yellow lines: a solid top line, a dashed middle line, and a solid bottom line. The word "gas" is positioned such that its top letters touch the dashed middle line and its bottom letters touch the solid bottom line.





1



2



Water

3



Fruit Juices



1



4



3

5



2



6



Soluble

and

Insoluble

Matters that **mix** with
liquids are **soluble**
substances.

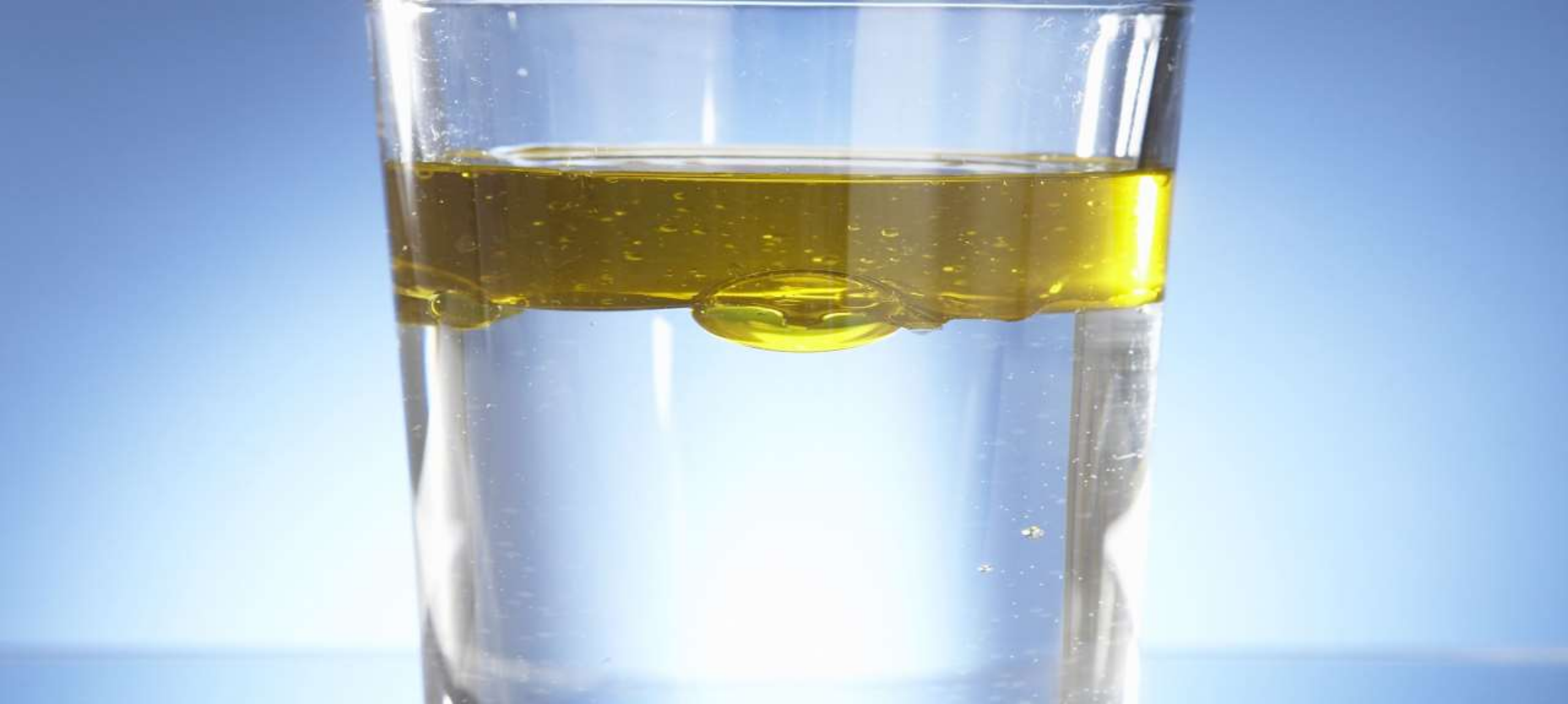
soluble

Matters that do NOT mix
with liquids are insoluble
substances.

insoluble



Sugar is soluble. It can be mixed with water.



Oil is **insoluble**. It **can't be mixed** with water.



Chocolate powder is **soluble**. It **can be mixed** with milk.



Sand is **insoluble**. It **can't be mixed** with water.



soluble or insoluble?



soluble or insoluble?



soluble or insoluble?

can be mixed

can't be mixed

Mixture	Is it soluble or insoluble?
Sugar and water	
Salt and water	
Sand and water	
Oil and water	
Chocolate and milk	
Sugar and tea	

.....is **soluble**.

It **be mixed** with

..... is **insoluble**.

It **be mixed** with

