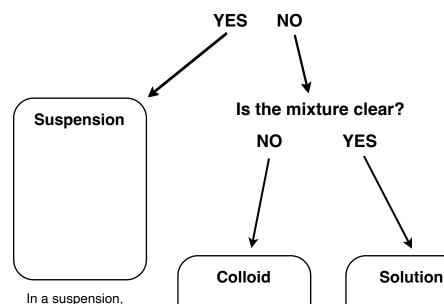
## Mixtures: solutions, suspensions and colloids

- Choose one substance to mix with water.
- · Shake hard for 10 seconds, then look at it immediately.
- How does the mixture behave?

## Can you see particles settling to the bottom?



one substance forms clumps of particles in the other substance. The clumps are large enough to settle out.

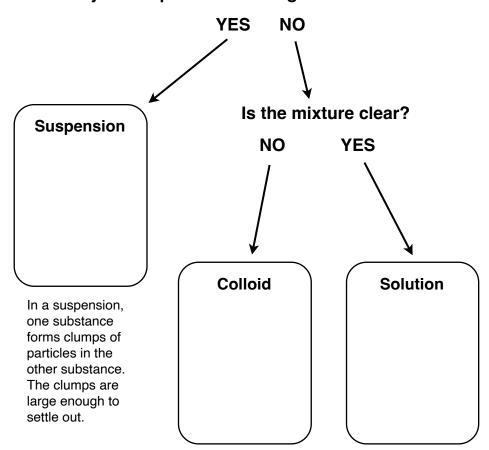
In a colloid, one substance forms clumps of particles in the other substance. The clumps are so small that they do not settle out.

In a solution, the particles of two substances are mixed together completely evenly, Solutions are clear - you can see right through them.

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