

Tiny Jiggling Particles

the lesson's song — sing it, then say what it means



SONG

VERSE 1

Take a drop of water, cut it right in two,
Cut it again and again — what's left when you're
through?

A particle! A particle! Too tiny to see —
And everything is made of them, even you and
me!

CHORUS

Hold on tight — that's a SOLID! (hug!)
Hold hands loose — that's a LIQUID! (slide!)
Let go now — that's a GAS! (fly free!)
Same little particles, one-two-three!
It's all in the grip, it's all in the grip —
Hold tight, hold loose, or let go and zip!

VERSE 2

Particles are jigglers, they never sit still,
Warm them up, they wiggle fast — cold makes
them chill.

Attract means holding on, like a hug that won't
quit —
The jiggle and the grip play tug-of-war, that's it!

(CHORUS)**VERSE 3**

Freeze a cup of water and it locks up tight,
Melt it in the morning and it pours out right —
Reversible! Reversible! It goes back fine.
But burn a stick of wood and there's no rewind!

**(CHORUS ×2, SECOND TIME STOMP ON "ONE-
TWO-THREE!")**

Tag (spoken, kids, doing the motions): "Solid...
liquid... gas... JIGGLE!"

How to use it. Play the recording once while everyone just listens. Play it again and join in on the chorus only — that is the part carrying the lesson. By the third time most children have the chorus. Then close the binder and ask what the words actually mean; a child who can sing it and explain it has the idea for good.