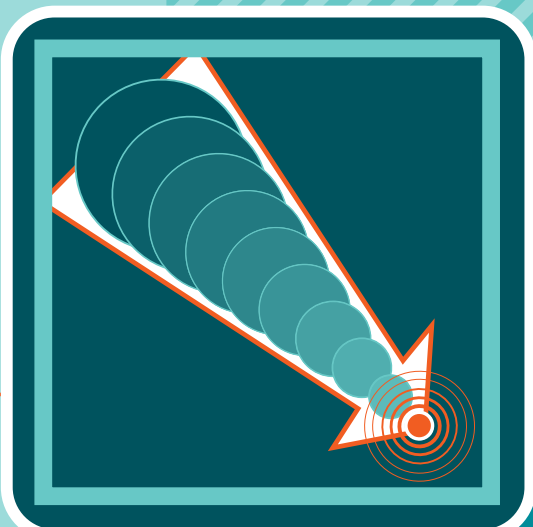


Unexpected Properties

of Super Small Nanoparticles



NANO - SIZE IT!



At the nanoscale, different-sized pieces of a material can look and behave very differently.

It sounds crazy, but changing the size of super small nanoparticles—called quantum dots—changes the color you see. The larger a quantum dot, the redder it glows under ultraviolet light. And, the smaller a quantum dot, the bluer it glows.

Color isn't the only property that can change with size at the nanoscale—the strength, electrical conductivity, and other properties of some materials can change in very surprising ways.



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