



Switch on STEM

Chemistry of the Nanoworld

What size is a nanometer? _____

My height in nanometers is: _____

A ferrofluid acts like a magnetic solid AND like a liquid.

- Look at the vial of ferrofluid. Move it around. Is the ferrofluid a liquid or a solid?

- Now hold a magnet up to the ferrofluid. What happens? Is it a liquid or solid?

- What are the magnetic particles in the ferrofluid called?

New sunscreens contain nanoparticles of Zinc Oxide and Titanium Dioxide.

How did you show that sunscreens work?



