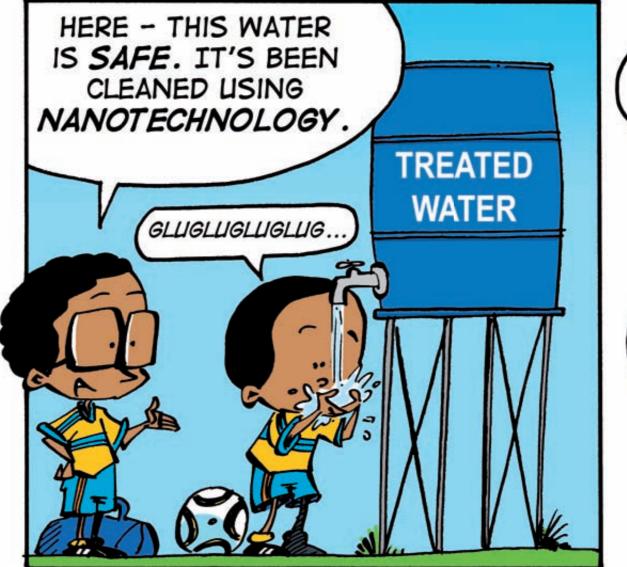
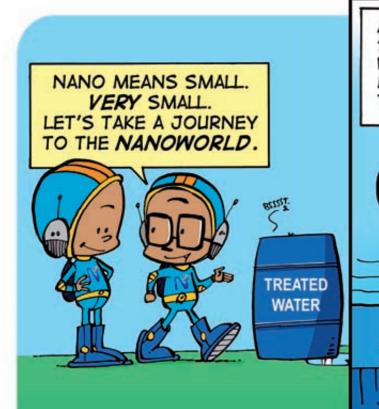


WATER PURIFICATION WITH NANOTECHNOLOGY

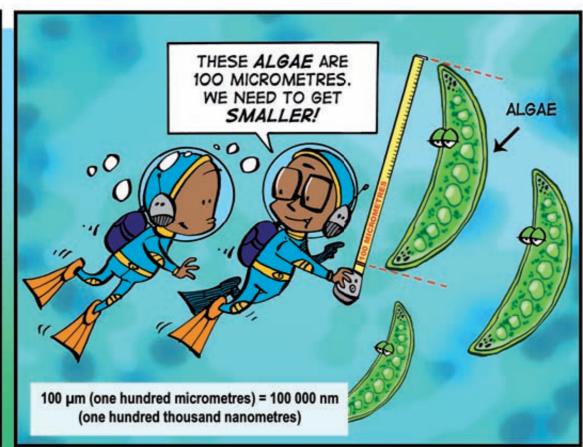


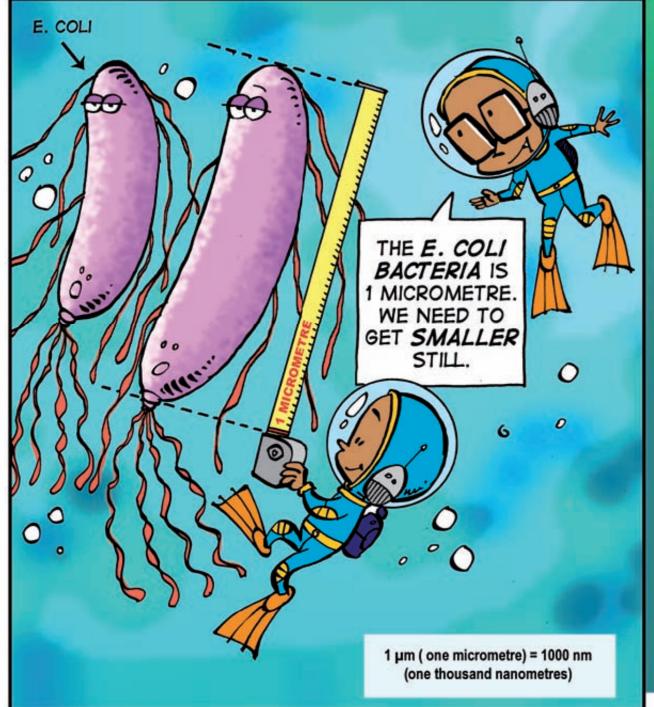


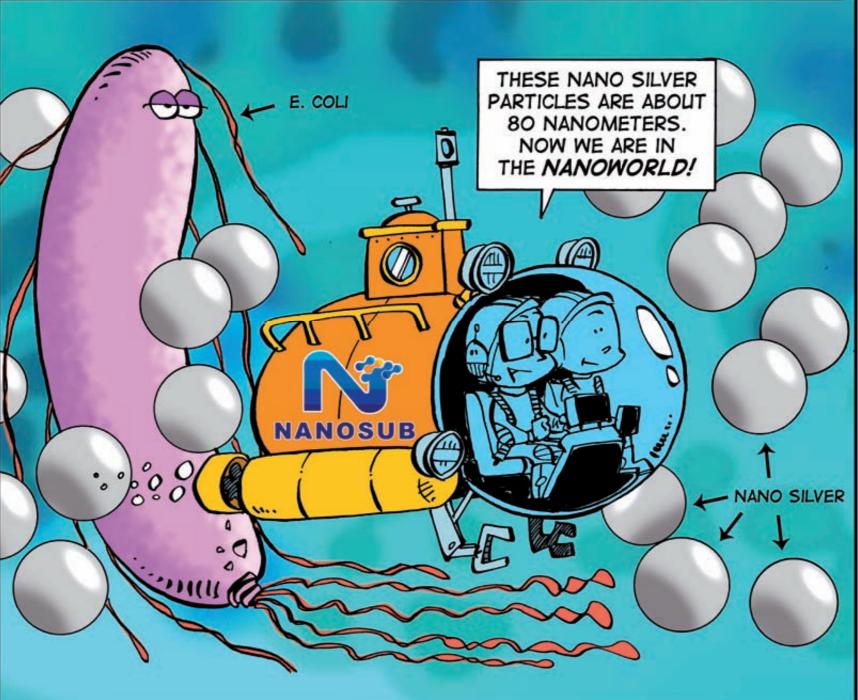


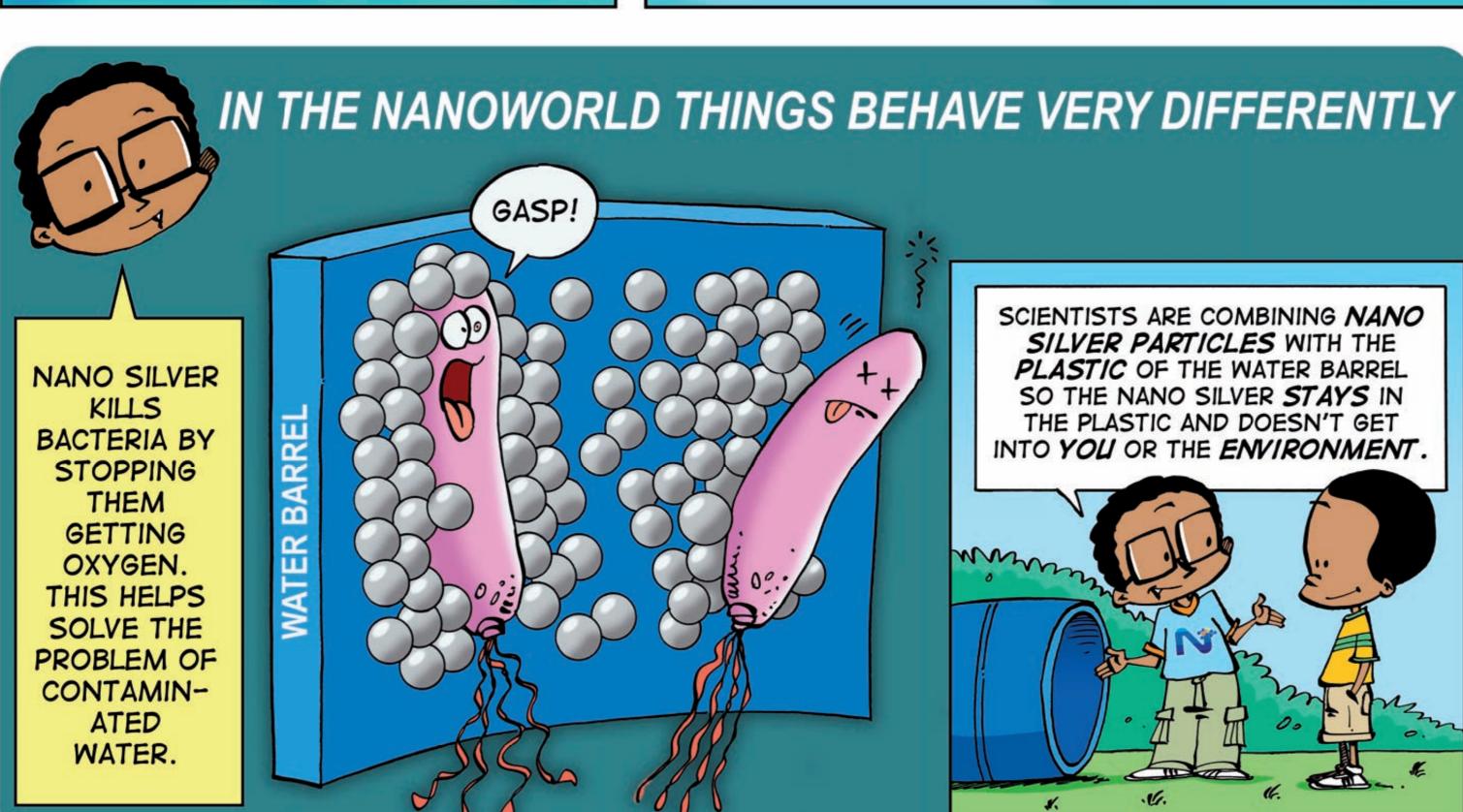




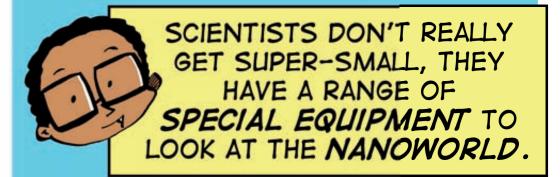


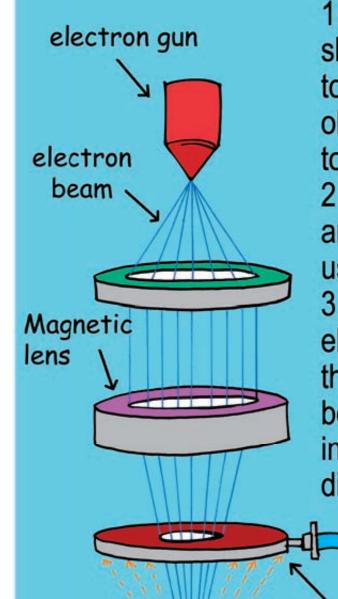






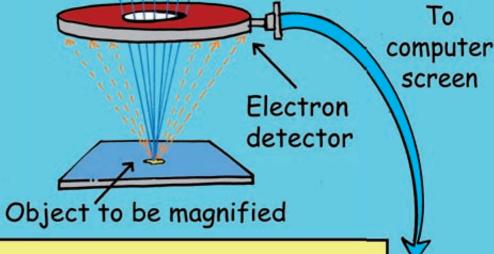
SCANNING ELECTRON MICROSCOPE (SEM)





1. The SEM shoots electrons towards the object we want to look at. 2. The electrons are focused using magnets. 3. When the electrons hit the object, they bounce back in different directions. To

screen



A DETECTOR COLLECTS THE SCATTERED ELECTRONS AND TURNS THEM INTO A PICTURE ON A COMPUTER SCREEN.



NANO CAREERS

NANOTECHNOLOGY IS OPENING A WORLD OF EXCITING POSSIBILITIES, BUT SCIENTISTS MUST KEEP LOOKING AT THE HEALTH AND SAFETY ASPECT.

- SPORTS EQUIPMENT
- HEALTH AND SAFETY
- ELECTRONICS **INDUSTRY** (EG: CELLPHONES, TV'S, ETC.)









