

Risk Assessment for using the 'Time for Nano' Nano-day activities

Activity	Risk	Control Measure
How tall are you in nanometres?	None	n/a
Dilution	Intolerance/allergy to food colouring	Ask students if they are allergic. Supply gloves if they are
Magnetic probe	The activity uses weak magnets, but should not pose any risk	n/a
Make a buckyball	None	n/a
Ferrofluid	Ferrofluid can irritate the skin Ferrofluid is flammable	Ferrofluid is sealed in the test tube. Students are supervised at all times.
Magic Sand	'Magic Sand' can be an irritant if it comes in contact with eyes, or if in prolonged contact with skin. 'Magic Sand' should not be ingested or inhaled.	Students are supervised at all times, and advised of the risks. Running water is available nearby if washing of hands/eyes are necessary
Hydrophobic Textile	None	n/a
Anti-Fog	Anti-fog should not be inhaled Anti-fog should be kept away from eyes Anti-fog is an irritant to skin	Students are supervised at all times Ensure room is well ventilated Provide gloves to prevent expose to skin
Memory Metal	This activity involves using hot water	Water is below boiling point Students are supervised at all times Students are supplied with a tweezers for dipping the memory metal into the hot water