

Science Oxford Risk Assessment

Risk assessment for: Discover Materials

Key – **P**=Presenter/Facilitator **A**=Audience/Workshop Attendees **V**=Volunteer(usually in show)

Activity	Hazard	Persons in Danger	Severity (1-5)	Likelihood (1-5)	Risk (S x L)	Control Measures	Safety Advice Given to Visitors
Drop Tube – items are dropped down a long Perspex tube to see what will break	Potential of pieces of anything which breaks to go into audience	P, A	2	1	2	Ensure that Perspex 'drop-tube' is always used, and that it is constructed properly. Put newspaper underneath the tube to make cleaning of broken pieces easier. Keep children away from any broken pieces until they are appropriately disposed. Keep children at least 1m away at all times	To stay sitting at least 1m away. Not to touch anything which breaks, including glass or eggs.
Slime making – PVA glue, water, borax solution and food colouring are all mixed to make 'slime'	Consuming the ingredients or slime; allergic reaction to any of the ingredients	A	2	1	2	Children are supervised at all times, with each adult supervising no more than 6 children each. Teachers and students are consulted about any possible allergies, and latex gloves are supplied if necessary.	Not to eat any of the ingredients, and to wash their hands after making the slime, and after playing with it

<p>Handling Borax solution</p>	<p>Borax is a mild irritant; there is a chance of a skin rash, especially on those who already have skin complaints.</p> <p>Pregnant women should avoid handling Borax. Borax is now deemed to be a possible mutagen (which may harm unborn children).</p>	<p>All, including any extra adult helpers</p>	<p>2</p>	<p>2</p>	<p>4</p>	<p>Staff and participants briefed of the risks at the start of the workshop.</p> <p>Science Oxford staff informs teacher in charge that no pregnant teachers or accompanying adults should be involved in handling the slime in the workshop.</p>	
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