

Science Practical Risk Assessment

School of Maths & Science	Practical Activity Title	Footprint casts (MAS_SP_4006_footprint_casts)				Risk Assessment No. MAS_RA_4006_footprint_casts
Location	NB236 / 237					
Assessment Performed By	B R Harris	Signature:		Date:	01/07/08	
Supported By		Signature:		Date:		
Approved By	Brian Harris (H.o.S.)	Signature:		Date:	01/07/08	
Date of Re-assessment (if necessary)	Re-assess if any changes to procedure or equipment / chemicals are made.					

HAZARDS TO BE CONSIDERED	WHO MIGHT BE HARMED?	IS THE RISK ADEQUATELY CONTROLLED?	WHAT FURTHER ACTION IS NECESSARY TO CONTROL THE RISK?
1. Slipping / Tripping	Staff		
2. Fire	Students		
3. Chemicals / drugs	School pupils		
4. Moving parts of machinery			
5. Pressure systems		<i>Please complete overleaf</i>	<i>Please complete overleaf</i>
6. Electricity			
7. Dust			
8. Fumes			
9. Manual Handling			
10. Noise			
11. Lighting			
12. Computers			
13. Any other hazards			

(Please refer to Risk Assessment Matrix to indicate how Severity and Likelihood combine to produce a Risk score)
Likelihood x Severity = Risk Score, = Low, Medium or High risk

Type & Source Of Hazard	Nature Of The Risk	Type Of Activity In Which Risks May Arise	Control Measures	Risk Rating			L M H	Any Further Control Measures Required
				L	S	R		
Casting plaster	Dust –irritant breathing or to eyes	Transfer of plaster	Measure out powder into beakers before lesson starts All students wear safety glasses	1	3	3	L	
Casting plaster	Temperature can reach 60 °C	Hardening plaster after addition water	Warn students not to keep hands in plaster while it is hardening	1	3	3	L	
Sand	Abrasive –eyes	Tipping cast into tray	Wear safety glasses	1	3	3	L	

INDICATE WHAT FIRST AID ARRANGEMENTS ARE IN PLACE

A science technician (qualified first aid at work) shall be present during all science practical lessons.
First aid kit available in all science prep rooms (Physics NB232, Chemistry NB237B & Biology NB124A).

Assessment performed by : (Please Print Name)	B R Harris	Position :	Head of MAS
Date of Assessment :	01/07/08		
Signed :			

ACTION LIST RECOMMENDATIONS	Risk Rating			L M H	TO BE ACTIONED BY	DATE ACTION COMPLETED	SIGNATURE
	L	S	R				