



Science Practical Risk Assessment

School of Maths & Science	Practical Activity Title	Light microscopy (MAS_SP_0001_light_microscopy)				Risk Assessment No. MAS_RA_0001_light_microscopy_afan
Location	Biology Lab. AA024					
Assessment Performed By	Kathryn Williams	Signature:		Date:	17 Sept 2007	
Supported By	Wendy Rees	Signature:		Date:	17 Sept 2007	
Approved By	Brian Harris (H.o.S.)	Signature:		Date:	17 Sept 2007	
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			
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		
Bags & coats	Trip Hazard	Any activity which involves movement around the laboratory	Place all bags & coats etc in designated area in room.	1	1	1	L	
Needles & forceps	Cuts	Risk of injury when picking up & using needles & forceps.	Ensure good technique is used to avoid holding / touching sharp points.	2	1	2	L	
Glass cover slips & slides	Cuts	Handling & preparing slides	Ensure good technique is used, Take care when handling slides / cover slips to avoid any possible sharp edges.	2	1	2	L	
Iodine	Splash to eyes / skin irritation	Staining of onion cells.	The wearing of safety goggles is mandatory during practical activities in the laboratory. Only weak solution of iodine is used, any splashes to skin should be washed off immediately.	1	2	2	L	
Sun	Eye injury	Using the sun as a light source.	Do not use the sun as a light source, use only the lamps provided.	1	3	3	L	

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		
Lamps	Electrical	General use of lamps.	Use only proprietary lamps designed for Labs and school / college use. Lamps are regularly P.A.T. tested for electrical safety.	1	1	1	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 AA022, Chemistry AA018 & Biology AA024).

Assessment performed by : (Please Print Name)	Kathryn Williams	Position :	Biology / Human Biology Lecturer
Date of Assessment :	17 September 2007		
Signed :			

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