



# Science Practical Risk Assessment

<b>School of Maths &amp; Science</b>	<b>Practical Activity Title</b>	<b>Acceleration of a ball bearing</b> (MAS_SP_6007_acceleration_of_a_ball_bearing)				<b>Risk Assessment No.</b> MAS_RA_6007_acceleration_of_a_ball_bearing_afan
Location	<b>AA022</b>					
Assessment Performed By	<b>Jane Morgan</b>	Signature:		Date:	<b>25.09.2007</b>	
Supported By		Signature:		Date:		
Approved By	<b>Brian Harris (H.o.S.)</b>	Signature:		Date:	<b>25.09.2007</b>	
Date of Re-assessment (if necessary)	<b>Re-assess if any changes to procedure or equipment / chemicals are made.</b>					

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		
General hazard	Injury due to toppling stand	Placing track on stand.	Stand to be placed away from the edge of the bench	2	1	2	L	
General hazard	Tripping	Students walking around laboratory	Bags, coats and stools to be placed under benches .	2	2	4	L	
General Hazard	Cutting	Cutting foil into thin strips using scissors	Students warned to take care. Student scissors used.	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 AA021, Biology AA023, and Chemistry AA019).

Assessment performed by : (Please Print Name)	<b>Jane Morgan</b>	Position :	<b>Assistant Afan Campus Manager/ Physics Lecturer</b>
Date of Assessment :	<b>25th September 2007</b>		
Signed :			

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