

Risk Assessment – ARM mbed Robot Activity

This assessment considers any hazards specific to the activity greater than every day hazards such as slipping, tripping or falling on stairs, trapping fingers in doors and cuts and bruises which are inherent in all environments.

Provider	ARM and STEM TEAM East		
Activity Description	The ARM mbed Robotic Activity ARM, the UK microchip designers, are inviting students to take part in the "mbed Robot Racing" challenge. The challenge is to drive a robot around a race track. Students will program the robot to automatically follow the line around the middle of the track.		
Who will be exposed to the hazards	School Students and adults taking part in the activity.		
Hazard	Severity and Likelihood.	Control measures	Risk rating after control measures applied.
Trip Hazard from trailing electric cables.	medium	This activity will take place in the computer suite in AirSpace at IWM Duxford. All computers in the room are secured in position with no trailing electric cables. The robot race track will be in a designated area away from the computers and supervised at all times by adults.	low
Overcrowding	Low	This event is a pre-booked activity. Participants will be asked to sign in on arrival and room capacities will not be exceeded.	low
Fire	low	Participants will be made aware of fire exit routes at the start of the activity. IWM Duxford Staff will direct participants to the nearest fire exit and take appropriate action.	low