

RISK ASSESSMENT

Inventing Isobel

Activity	Hazard	Persons in Danger	Severity x Likelihood = Risk Level			Control Measures
Candle on stage	Candle being knocked over	Presenter	2	1	2	Candle is in a stable candle-holder, and always on a heat-proof mat.
Holding objects over the candle flame: chocolate, tin pie case, pottery chip and small piece of plastic bag	Burns, unexpectedly catching light	presenter	2	2	4	All objects are held using tongs, and held over the candle for a very short time (30 seconds): pottery and tin case are both non-flammable, the chocolate melts and burns. The plastic bag is flammable, but only a very small piece is used.
Volunteer holding tissue paper umbrella whilst being squirted	Slips	Presenter; volunteer	2	2	4	Only a small amount of water is squirted, enough tissue in kit to clean up any excessive spills if squirter is over zealous
Floating vs sinking demo in a clear container at front	Water splashing, slips	Presenter; volunteer	1	2	2	Enough tissue in kit to clean up any excessive spills.
See through test demo using a torch	Bright lights being shone in audiences' eyes	Audience	1	1	1	Very weak and non bright torch used
Ball bounciness test: includes dropping a rubber ball, polystyrene ball, a rock and an egg	Ball/rock rolling/bouncing into audience and injuring someone Egg allergies	Audience	2	1	2	All objects dropped onto presenters table, away from audience. Egg dropped into separate container