



RISK ASSESSMENT TOOL (RAT) SIGNATURE SCIENCE SHOW – Yr 3, 5, & 6

POTENTIAL RISK/HAZARD	RANKING LEVEL	RISK CONTROL MEASURES – ACTION TAKEN TO REDUCE RISK
SLIP AND FALL FROM SPILT WATER	LOW	SPILS CLEANED UP IMMEDIATELY PAPER TOWEL ON HAND FOR CLEAN UP SAFETY BUFFER ZONE ENFORCED
BURNS TO DEMONSTRATOR	LOW	SAFE HANDLING TECHNIQUES AND PPE USED CHILDREN NOT TO FLAMMABLE OR HOT SUBSTANCES WATER AND FIRE EXTINGUISHER OR FIRE BLANKET TO BE AVAILABLE AT ALL TIMES
DAMAGE TO HEARING FROM NOISE	LOW	WARNING GIVEN TO AUDIENCE BEFORE EXPLOSIONS AUDIENCE ASKED TO COVER THEIR EARS ENSURE LIMITED EXPOSURE (SHORT DURATION) PRESENTERS WEAR PPE AND EXERCISES CAUTION
LIQUID NITROGEN BURNS	LOW	SAFETY BUFFER ZONE ENFORCED SAFE HANDLING TECHNIQUES AND PPE USED CHILDREN NOT TO HANDLE LIQUID NITROGEN
INJURY FROM CHEMICAL SPILL/SPASH	LOW	PRESENTERS THOROUGHLY TRAINED IN SAFE HANDLING TECHNIQUES PRESENTERS WEAR PPE AND EXERCISES CAUTION SPILS CLEANED UP IMMEDIATELY & PAPER TOWEL ON HAND FOR CLEAN UP SAFETY BUFFER ZONE AND SAFETY EXPECTATIONS ENFORCED
FIRE ON STAGE OR TABLE	LOW	WATER AND FIRE EXTINGUISHER OR FIRE BLANKET TO BE AVAILABLE AT ALL TIMES PRESENTERS THOROUGHLY TRAINED IN SAFE HANDLING TECHNIQUES
INJURY FROM PROPELLED OBJECT	LOW	PRESENTERS THOROUGHLY TRAINED IN SAFE HANDLING TECHNIQUES PRESENTERS WEAR PPE AND EXERCISES CAUTION PROPELLED OBJECTS AIMED AWAY FROM AUDIENCE ONLY SOFT PROJECTILES USED AND SAFETY AUDIENCE BUFFER ZONE ENFORCED

SAFETY TALK GIVEN AT BEGINNING OF SHOW BY TRAINED PRESENTER

Ranking Levels: Low, Medium, High, Extreme.

This is an indication of the level of potential risk/hazard harm should it occur, once control measures are in place.

COMPLETED BY: RAPHAEL FLAVIGNY UPDATED: AUGUST 2020