

General Risk Assessment

Form RA1

(Refer to Notes for Guidance before completing this form)

School Assessment No:	R(D)SVS/The Roslin Institute
Title of Activity:	Colourful Chromosomes
Location(s), Date and Time of Work:	
Brief Description of Work:	
<p>Colourful Chromosomes aims at helping P4-p7 students understand genetics the role of DNA in determining a phenotype. Participants will visualise chromosomes and different genotypes corresponding to different phenotypes using colourful beads and pipe cleaners.</p>	

Hazard Identification:

Hazard(s)	Present Risk Evaluation L/M/H	Control Measures (i.e. alternative work methods / mechanical aids / engineering controls etc.)	Risk Evaluation after control L/M/H
Slipping/tripping hazard: beads	L	Beads threading will be supervised to ensure that all pieces stay on the desks. Any pieces that fall onto the floor will be picked up immediately. Beads are contained in small dishes.	L
Beads: choking hazard	L	Participants will be supervised at all time during the game. Beads are very small and if swallowed an unlikely choking hazard. No children under the age of three are permitted to do this activity.	L
Kids getting pipe cleaners in their eyes or swallowing small bits of pipe cleaners. Wire core of pipe cleaner could potentially cause cuts.	L	Ensure that children are carefully supervised; demonstrator to try to keep all chromosome activity on the table. Demonstrator should remove equipment if they are using the pipe cleaners in an unsafe way. In case of injury, call first aider. Do not attempt to move anything lodged in the eye.	L

Cuts by scissors	L	Only demonstrator will carefully handle scissors and will tidy them away when not in use.	L

Engineering Controls: none required

Guarding		Extraction (LEV)		Interlocks		Enclosure	
Other relevant information (incl. testing frequency if appropriate):							

Personal Protective Equipment (PPE): Not required

Eye / Face		Hand /Arm		Feet / Legs		Respiratory	
Body (clothing)		Hearing		Other (Specify)			
Specify the grade(s) of PPE to be worn: n/a							
Specify when during the activity the item(s) of PPE must be worn: n/a							

Non-disposable items of PPE must be inspected regularly and records retained for inspection

Persons at Risk:

Academic staff	x	Technical staff	x	P'Grad students	x	U'Grad students	
Maintenance staff		Office staff		Cleaning staff		Emergency personnel	
Contractors		Visitors	x	Others			

Additional Information: Identify any additional information relevant to the activity, including supervision, training requirements, special emergency procedures, requirement for health surveillance etc.

All staff and students will receive training, including H&S aspects, before running the activities.

Assessment carried out by:

Name:		Date:	
Signature:		Review Date:	