

Date: 12/09/2019	Assessed by: Jamie Sloan	Validated by: Linda Bennett	Location: Classroom (Space Pavilion)	Assessment ref no: 2019JBDC0909	Review date: 12/09/2020
Task / premises: Solar System Science education workshop, for KS2 pupils (ages 7-11). Involves practical activities. This document describes activities specific to this workshop; please also see 'General risk assessment for all workshops' which also applies.					
Activity	Hazard	Person(s) in danger	Existing measures to control risk	Risk rating	Result
Gravity experiment	Use of Newton meters	Pupils	<ul style="list-style-type: none"> Newton meters are designed for education use and are purchased from reputable education provider 	LOW	A
	Use of weighted pots	All	<ul style="list-style-type: none"> No pot has a mass of more than 500 grams – serious injury unlikely 	LOW	A
Sunlight experiment	Burns from exposed light bulbs	All	<ul style="list-style-type: none"> Only low energy LED bulbs to be used – these do not produce enough heat to cause burns 	LOW	A
	Cuts from broken glass, resulting from smashed light bulb	All	<ul style="list-style-type: none"> Pupils do not need to touch or move light bulb as part of the activity Should a breakage occur – presenter will clear the area and immediately vacuum the area using vacuum from cleaner's cupboard 	LOW	A
Mars experiment	Sand mixed with lemon juice/ bicarbonate of soda - in eyes	All	<ul style="list-style-type: none"> Sand is transferred to test tubes using spatulas Sand does not need to be directly handled by pupils Experiment conducted over tray to catch any spilled sand All first aid kits contain eyewash 	LOW	A
Meteorite experiment	Slips, trips and falls from water on the floor	All	<ul style="list-style-type: none"> Paper towels provided to mop up any spillages Only a small amount of water used, likelihood of spilling significant amount of water on the floor is low Floor is carpeted – very low risk of slippage 	LOW	A
	Injury due to throwing items	All	<ul style="list-style-type: none"> All rock samples and magnets are small in size – risk of serious injury unlikely 	LOW	A