

### General Risk Assessment

<b>Equipment / Activity / Area being assessed</b>	Borrow the Moon loan box
<b>Location</b>	Classroom
<b>Who is exposed?</b>	Teachers and students

	Relevant Activities	Hazard	Control Measures already in place to control the risk	What additional Control Measures are required?	Risk rating (H, M, L)
01	2,4, 6, 8	Ingestion or allergy to materials in activities	Children advised not to ingest any materials in workshop. Plastic gloves can be worn to avoid allergies due to food products in edible rock activities	None	L=1 S=4 R=4 =L
02	All	Injury from use of table equipment e.g. hand lenses etc	Participants should be supervised by suitable parents/guardians (e.g. teachers) during equipment use.	None	L=1 S=4 R=4 =L
03	All	Electrical equipment	All electrical equipment should be regularly PAT tested. Since none of the equipment in the loan box plugs into the mains, this is not a requirement for the USB microscopes.	None	L = 1 S = 3 R = 3 = L
04	2, 3, 7, 9, 12, 15, 16	Choking hazard due to use of materials	Small objects will be kept out of reach of very small children. Parents/guardians (e.g. teachers) will provide supervision of younger children.	None	L = 1 S = 5 R = 5 = L
05	4	Burn from microwave in edible rocks section	Microwave only to be operated by teacher and turned off straight after use. Teacher to test temperature of chocolate before students use.	None	L=1 S=4 R=4 =L

06	All	Risk of injury due to dropping of rocks or other equipment (NOTE: The iron meteorites are particularly heavy!)	Only teacher to handle the boxes due to weight. Students to be supervised at all times and warned to be careful not to drop the large iron meteorite.	None	L=1 S=4 R=4 =L
07	15	Slipping on water that has been spilled	Students told to immediately report any spillages to the teacher. Spillages to be wiped up immediately.	None	L=1 S=4 R=4 =L
08	3,7, 12	Eye irritation due to mica schist fragments (meteorite hunters box)	Students should wash their hands immediately after handling the mica schist in the meteorite hunters box and warned not to rub their eyes.	None	L=1 S=2 R=2=L

### Risk Rating Scale

Risk = Likelihood of injury x Severity of injury

$$R = L \times S$$

Low risk = 0 – 6, Medium risk = 7 - 12, High risk = 13 - 25

		S = Severity of injury					
		No injury or illness (0)	Minor injury or illness (1)	First aid injury or illness (2)	“3 day” injury or illness (3)	Major injury or illness (4)	Fatality, disabling injury, etc (5)
L = Likelihood of injury	Zero to very low (0)	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low
	Very unlikely (1)	0 = Low	1 = Low	2 = Low	3 = Low	4 = Low	5 = Low
	Unlikely (2)	0 = Low	2 = Low	4 = Low	6 = Low	8 = Medium	10 = Medium
	Likely (3)	0 = Low	3 = Low	6 = Low	9 = Medium	12 = Medium	15 = High
	Very likely (4)	0 = Low	4 = Low	8 = Medium	12 = Medium	16 = High	20 = High
	Almost certain (5)	0 = Low	5 = Low	10 = Medium	15 = High	20 = High	25 = High