

SCIENCEDIPITY

Risk Assessment



| Risk Assessment for : MICROBIOLOGY AFTER SCHOOL CLUB/ WORKSHOPS | | Risk Assessment Number : 1 | | | | | |
|--|-----------------------|---|-----------|-----------------------------|--------------------|--|--|
| Location : Various | | Assessed by : RUTH MACLAREN | | | Page 1 of 1 | | |
| Activities Assessed: MICROBIOLOGY WORKSHOPS | | Date : 3/1/17 | | Review date : 3/1/18 | | | |
| Hazards Identified | People at risk | Controls & Precautions Already in place to reduce risk level | SR | LR | RR | Additional controls required? Details on following page | |
| CULTURE PLATES WITH UNIDENTIFIABLE MICROBIAL GROWTH | PUPILS, FACILITATOR | Culture plates will be sellotaped shut, but not all the way around the lid to avoid anaerobic growth, so they can not accidentally fall open, be opened. The plates will be transported in a metal culture plate carrier so they can not be accidentally broken if they fall over. The plates will be disposed of by autoclaving. | 2 | 2 | 4 | NO | |
| AUTOCLAVE – exposure to hot liquids and steam | FACILITATOR | Autoclave to be used by trained personnel only, follow Good Laboratory Practice. Safety glasses and lab coats must be worn at all times, tie long hair back. The autoclaves are examined regularly in accordance with PRESSURE SYSTEM SAFETY REGULATIONS (2001), but in the unlikely event of a failure of mechanisms to release steam when the working pressure is reached, the electricity, gas or other fuel supply should be disconnected, cut off or removed. If a fault is identified, the apparatus should be taken out of service and labelled 'DO NOT USE', pending repairs or disposal. | 5 | 1 | 5 | NO | |

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| Assessor's Name & signature :  | Date : 3/1/17 |
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| SR : Fatality = 5; Major inj = 4; 3-4 days off = 3; 1 day of =2; First aid only = 1 No personal inj = 0 | LR : Frequent = 5; Probable = 4; Possible = 3; Remote = 2; Unlikely = 1 | RR = SR x LR |
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