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| **Study Risk Management Form: Stage 3 – Marvellous Microorganisms** | | | | | | | | | | |
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| **Risk Assessment Matrix** | **How likely is it to be serious** | | | |
| **How serious could the injury be?** | **Very likely** | **Likely** | **Unlikely** | **Very unlikely** |
| Death or permanent disability | 1 | 1 | 2 | 3 |
| **Note: Risk management for the excursion is the responsibility of the visiting teachers and school. This form is just for the activities and site.**  **Description:** Located at REEC. Students explore microorganisms with microscopes. Glitterbug hand wash kit is used in conjunction with ‘black light’ or UV light. Students participate in experiments using foodstuffs and microscopes. Students investigate decomposition of foodstuffs and compost organisms. | | | | | | Long term illness or serious injury | 1 | 2 | 3 | 4 |
| Medical attention and several days | 2 | 3 | 4 | 5 |
| First aid needed | 3 | 4 | 5 | 6 |
| **Task/Activity** | | **Hazard** | | **Risk** | **Elimination or Control Measure** | | | | | |
| General | | General | |  | Senior First Aid qualifications are held by REEC Staff and a First Aid Kit with EpiPen, asthma inhaler, water and mobile phone is carried with REEC Staff. | | | | | |
| Walking over rough  ground | | Separation from group  Sprains and bites | | 5 | REEC staff member at front of group and visiting teacher(s) at back of group.  Teacher/student ratio < 1:15 (guideline).  Students wear enclosed footwear.  Students warned of possible snake and insect presence. | | | | | |
| Glitterbug potion | | skin contact allergy | | 6 | MSDS advises this chemical is benign. Students with known skin sensitivities should avoid participating in this activity. | | | | | |
| Compost fauna | | Insect bite allergy | | 4 | Students with ASCIA plans for insect bites should not participate in this activity. | | | | | |
| Science experiments | | skin contact | | 6 | Experiments use benign substances – yeast, sugar, warm water. | | | | | |
| Environment | | Possible cold weather  Sun  Wind  Extreme weather conditions  Fire | | 5  3  1  3  1 | Students must wear appropriate clothing. If weather judged too severe an alternative activity will be done or the Study postponed. Students must wear a hat and apply sun screen. Water is available/carry water bottle.  High winds can cause surrounding trees to break and fall. In the event of high winds or inclement weather (predicted by BOM), the study may be postponed to another mutually suitable date.  Students and visiting staff inducted as to fire/emergency evacuation protocols before study commences. Studies are not conducted during catastrophic fire danger periods. | | | | | |
| People | | Allergic reactions (anaphylaxis), asthma, diabetes | | 1 | Schools give prior advice to REEC staff of student and staff medical conditions. REEC staff to carry First Aid kit with Ventolin/spacer, EpiPen and mobile phone.  Student and/or teachers carry personal medication. Students with anaphylactic reactions to bring EpiPen. | | | | | |