

RISK ASSESSMENT – DNA DETECTIVES WORKSHOP – SECTION 1

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| ACTIVITY: | Making DNA Helices & balloon fingerprints | DATE: | 16.5.15 |
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| PERSONS AT RISK- AFFECTED BY ACTIVITY: | Persons attending the Well Being Event and participating in the activity | NUMBER | 0 - 200 |
| ANY VULNERABLE PERSONS AFFECTED BY ACTIVITY: | Children | NUMBER | 0 - 200 |

| POTENTIAL HAZARDS | | Assessment of Risk | | |
|-------------------|---|--------------------|-----|------|
| | | Low | Med | High |
| REF. | | | | |
| 1 | Allergy to sweets being used to create DNA helices | x | | |
| 2 | Risk of poking and injuring themselves with cocktail sticks | x | | |
| 3 | Latex allergy to balloons | x | | |
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| EXISTING CONTROL MEASURES |
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| 1. Check whether individuals have an allergy to sweets before starting activity. |
| 2. Ask individuals to be careful with cocktail sticks, monitor activity and ensure they are being used sensibly. Risk should be minimal as they are sticking sweets on them which will cover the sharp ends. |
| 3. Check whether individuals have an allergy to latex before starting the activity. |
| 4. Make sure there is a first aider present in case of an accident. |
| 5. Make sure there is a first aid kit and accident log available if required |
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| INITIAL ASSESSMENT OF OVERALL RISK | LOW | x | MEDIUM | HIGH |
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| RISK RATING = SEVERITY x LIKELIHOOD | | |
|-------------------------------------|--|----------------------------------|
| Rating | SEVERITY of injury/disease | LIKELIHOOD of occurrence |
| HIGH | Fatality; major injury or illness causing long term disability | Certain or near certain to occur |
| MEDIUM | Injury or illness causing short term disability | Reasonably likely to occur |
| LOW | Other injury or illness | Unlikely to occur |

| ADDITIONAL CONTROL MEASURES - (IF APPLICABLE) | PERSON RESPONSIBLE FOR IMPLEMENTATION | COMPLETION DATE |
|---|---------------------------------------|-----------------|
| None required | | |
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| RESIDUAL ASSESSMENT OF OVERALL RISK | LOW | X | MEDIUM | | HIGH | |
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Note: Re-assessment required if overall residual risk is High

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| <p>ADDITIONAL INFORMATION: (Notes, comments, further details, outline procedures, safe systems of work, standards, drawings, etc.)</p> |
| <p>Children will be making DNA Helices out of jelly babies and liquorice laces using cocktail sticks. They will also be making fingerprints using an ink pad and putting them onto a balloon. The risk for both these activities is very low.</p> |

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| Signature of responsible person: | | Date: | |
| | | | |
| Assessor: | | Signature: | |
| Date Assessed: | | Review Date: | |