

Risk Assessment – Super Slime

Incursion Provider: STEAM Powered Education

Activity: Super Slime

Duration: Typically 1 hour

Age Group: Prep -Year 6

Location: Classroom or Hall



Activity Description: Understand the science of Polymers and make 2 types of Slime

Hazard	Potential Risks	Risk Rating	Control Measures	Revised Risk Rating
Borax Solution	- Skin irritation - Eye contact causing irritation - Ingestion hazard	High	- Use diluted solution only - Provide gloves if needed - No food/drinks near work area - Adult measures and dispenses borax	Low
PVA Glue	- Skin irritation - Ingestion hazard	Medium	- Use non-toxic PVA glue - Remind students not to place hands near mouth or eyes	Low
Glitter	- Inhalation hazard if airborne - Eye irritation	Medium	- Use large craft glitter (not microplastics) - Add glitter slowly under supervision	Low
Food Colouring	- Staining of skin and clothing - Eye irritation if splashed	Low	- Wear aprons or old shirts - Use small droppers - Protective table coverings	Very Low
Shaving Foam	- Skin or eye irritation - Ingestion hazard	Medium	- Use hypoallergenic foam - Supervised dispensing by adult - Avoid contact with eyes	Low
Mess from Slime Making	- Slipping hazard from spilled materials	Medium	- Use non-slip mats and table coverings - Promptly clean spills	Low
Small Parts/Tools	- Choking hazard from small containers, lids, spoons	Medium	- Keep workspace organised - Collect all items at end of session	Low
Student Behaviour	- Throwing slime - Rubbing slime in hair/clothing	Medium	- Set clear behaviour expectations before activity - Maintain supervision	Low

Emergency Procedures:

- **First Aid:** Incursion staff carry a basic first aid kit. School first aid officer to be notified of the session time.
- **Incident Reporting:** Any incidents will be reported immediately to the supervising teacher and documented by STEAM Powered Kids staff.
- **Emergency Contacts:** Follow school's emergency protocols.

Supervision Requirements:

- Minimum of 1 STEAM Powered Kids facilitator per session.
- School staff to always remain present for duty of care.
- Recommended ratio: 1 adult per 20 students.

Additional Notes:

- All STEAM Powered Kids staff hold valid Working with Children Checks (Blue Card).
- A pre-activity safety briefing will be conducted with all students.
- All equipment is checked prior to the session for safety and functionality.

Risk Matrix

Inherent ¹ risk level			Action required
☒	Low	Little chance of incident or injury	– Document the activity within the three levels of planning.
☐	Medium	Some chance of an incident and injury requiring first aid	– Document the activity within the three levels of planning. – A OneSchool CARA record may also be required in accordance with school-based decisions.
☐	High	Likely chance of a significant incident and injury requiring medical treatment	– Document the activity within the three levels of planning. – Complete a CARA record in OneSchool. – Obtain approval from the principal or school leader (i.e. DP, HOD, HOSES, HOC) prior to conducting this activity. This approval is automatically requested in OneSchool when the CARA record is completed. – Obtain and document parent consent (highly recommended).
☐	Extreme	High chance of a serious incident resulting in highly debilitating injury	– An alternative activity must be considered. If the activity is essential for delivery of the curriculum, control measures must be implemented to reduce the risks to achieve comparable learning outcomes. – Document the activity within the three levels of planning. – Complete a CARA record in OneSchool. – Obtain approval from principal prior to conducting this activity. This approval is automatically requested in OneSchool when the CARA record is completed. – Obtain and document parent consent (mandatory).