

Museum in a Box – Risk Assessment

The following is a list of potential hazards that have been identified and ways in which the risks could be managed. This is not a complete list and each teacher is responsible for assessing their own teaching environment and equipment used. The challenges have been designed to be completed under adult supervision with Years 5 – 8 students. We do not recommend them for younger students.

Operation Big Lift

Description of Risk	Action to Manage Risk
The wire ends of the pipe cleaners can be sharp and cause injury.	Inform students that the ends of the pipe cleaners can be sharp and to take care when handling.
Misuse of syringe e.g. squirting water in eyes.	Inform students not to use syringe to squirt out water or to point them at people.
Changing the shape of the paperclip could lead to Injury from the sharp ends if misused.	Inform students to only use paperclip as part of the crane and to take care when handling.

Operation Float

Description of Risk	Action to Manage Risk
Risk of injury from dropping the heavy object used to make the wave on toes or feet.	Teacher should select the object to be used. They should also be the ones to drop it, not students, drop heavy object and be careful to drop from a safe height into the water.
Water is used in this activity and could become a slip hazard. This could either be from spills or water dripping off the boats/weights used.	Have towels or other cloths available and clean any spills up straight away. Remind students to take care when moving around the classroom.

Operation Jackstay

Description of Risk	Action to Manage Risk
Injury to people from walking into Jackstay line.	Choose an area to set up the jackstay that isn't a main thoroughfare. Show students where the Jackstay line/s is/are set up. Inform them to move slowly and with care around the lines.
Injury from climbing to attach Jackstay line	Teachers should attach the line themselves at a safe and accessible height.
Changing the shape of the paperclip could lead to Injury from the sharp ends if misused.	Inform students to only use paperclip as part of the crane and to take care when handling.
Asphyxiation from string or line	Inform students not to wrap any string or lines around any part of their body.

Operation Claw

Description of Risk	Action to Manage Risk
Scissors are used to cut the cardboard which could cause injury	Teacher should prepare cardboard strips if possible. If students are doing the cutting show them how to do so safely.
The split pins have sharp edges which could cause injuries.	Show students how to safely use a pencil to make the hole in the cardboard and tell them not to use the split pin to make the hole. Have the students put a piece of tape over the back of the split pin once the claw is finished so that there are no sharp ends exposed. Where split pins hang over the cardboard, fold them back on themselves so that the ends are not exposed.
Finger injury from using pencil to make a hole in the cardboard	When using the pencil to make the hole ensure that your fingers are not in the way on the other side of the cardboard. Show students how to safely make a hole. Where possible, provide students with cardboard with pre made holes.

Operation Helo

Description of Risk	Action to Manage Risk
Injury from misuse of paperclip	Inform students to only use paperclip as part of the helicopter