

## **Risk Assessment**

### **Forensic Facial Reconstruction Workshop**

#### **Activity**

Running a forensic facial reconstruction workshop involving the reconstruction of facial features from skull models using modelling materials and forensic techniques.

#### **Location**

Classroom, science laboratory, art studio, museum space, or workshop venue.

#### **Persons at Risk**

- Students / participants
- Teachers / workshop leaders
- Technicians
- Visitors or observers

#### **Description of Activities**

Activities may include:

- Examination of skull replicas
- Facial tissue depth marker placement
- Clay or modelling material application
- Sculpting and reconstruction activities
- Use of sculpting tools and measuring equipment
- Drawing reconstruction work
- Photography and documentation
- Group discussion and presentation activities

#### **Hazard Identification and Control Measures**

<b>Hazard</b>	<b>Risk</b>	<b>Control Measures</b>	<b>Residual Risk</b>
Use of sculpting tools or craft equipment	Minor cuts or puncture injuries	Use blunt-ended tools where possible. Demonstrate correct handling before use. Supervise participants appropriately.	Low

Clay, adhesives, paints, or modelling materials	Skin irritation or allergic reactions	Use non-toxic educational materials. Check allergies beforehand. Provide gloves if needed. Wash hands after use.	Low
Trip hazards from equipment or bags	Trips and falls	Keep walkways clear and organise workstations carefully.	Low
Electrical equipment (laptops, projectors, tablets)	Electric shock or trip hazards from cables	Check equipment before use. Keep cables tidy and dry. Do not overload sockets.	Low
Emotional sensitivity relating to forensic content	Distress or discomfort	Explain workshop content beforehand. Use respectful language and educational context. Allow participants to opt out if uncomfortable.	Low
Manual handling of equipment or display materials	Strains or minor injuries	Use correct lifting techniques and seek assistance for heavy items.	Low
Use of replica skulls	Damage to equipment or minor injury if dropped	Handle carefully and store securely when not in use.	Low
Shared equipment and materials	Spread of germs or contamination	Encourage hand hygiene and clean shared tools between groups where appropriate.	Low

## Personal Protective Equipment (PPE)

Participants may require:

- Disposable nitrile gloves
- Laboratory coat or apron
- Safety goggles (if using tools or adhesives)
- Closed-toe footwear

PPE requirements depend on the specific workshop activities.

## Safe Working Procedures

1. Participants should receive a safety briefing before activities begin.
2. Handle all tools and models carefully.
3. Wash hands after handling materials.
4. Long hair should be tied back and loose clothing secured.
5. Eating and drinking are prohibited during practical activities.
6. Use only approved non-toxic educational materials.
7. Keep workspaces clean and organised.
8. Report any injuries, spillages, or damaged equipment immediately.
9. Follow instructions for safe use of electrical or digital equipment.
10. Ensure participants understand emergency procedures and exits.

## First Aid Measures

Incident	Action
Minor cuts or punctures	Clean wound, apply dressing, and seek first aid support if required.
Skin irritation	Wash affected area thoroughly with water. Seek assistance if irritation persists.
Dust inhalation	Move to fresh air and seek assistance if symptoms continue.
Trips or falls	Assess injury and seek first aid support if necessary.
Eye contact with materials or chemicals	Rinse with water for at least 10 minutes and seek assistance if irritation continues.
Emotional distress	Remove participant from activity if needed and provide appropriate support.

## Emergency Procedures

- Report all accidents and incidents immediately.
- Follow site fire and evacuation procedures.
- Ensure first aid equipment is accessible.
- Supervising staff should know emergency contact procedures.

## Disposal

- Dispose of waste materials according to local procedures.
- Clean reusable tools and equipment after use.
- Store models and reconstruction materials safely.
- Dispose of damaged materials appropriately.

## Supervision Requirements

- Activities must be supervised by qualified staff.
- Additional supervision may be required for younger participants.
- Only trained staff should manage higher-risk equipment or materials.

## Risk Level Summary

Stage	Risk Level
Before controls	Medium
After controls	Low

## Approval

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Manager & Workshop Tutor



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