

RISK ASSESSMENT FORM

Activity/Task: **Magnifying Forces session at Sandford Mill**



HAZARDS	RISK RATING (High, Med, Low)	CONTROLS
Pyramids and ramps, lifting 35mm cube sandstone block on 'sled' up ramps or vertically onto pyramid base. Child hurt by block falling on bare foot.	L1 x C2	Work seated at low tables with plenty of space for equipment. Check no open toed sandals. Children supervised.
Cutting card discs for Archimedean screw. Cutting with scissors	L2 x C2	Blunt ended scissors used
Firing arrows in barn to test bows. Risk of being hit by arrow	L2 x C2	Firing line with physical barrier which no-one crosses during firing session. Extremely lightweight paper ball headed arrows. No arrow retrieval during firing. Access to barn through rear door only. Notice to this effect on door, and verbal instruction given. Children always supervised on entering or leaving barn.
Moving around site. Drowning in river or collision with vehicle on roadways.	L1 x C5	5 mph speed limit in place. Limited vehicle access to site. Regulation height fencing by water. Lifebelts available. Children always led by adult.
Shaduf operation. Risk of bystander being hit by swinging counterweight sacks. Drowning in cattle trough containing 50 cm depth of water.	L2 x C2 L1 x C5	Cordon off area to all except shaduf operator. Restraining rope limits device movement.
Catapult making- newspaper rods; Firing of ball pit balls. Risk of finger pinch in cogs of paper roller, only with deliberate intent. Ingestion of wallpaper paste. Being hit by flying catapult parts.	L2 x C2 L2 x C2 L2 x C2	Supervision and instruction. Wash hands after activity before eating. Build examined by lead adult who also controls who fires.

PEOPLE AT RISK:

Tick appropriate box(s)

Employees

Non Employees

SAFE SYSTEM OF WORK - Control Measures Required to Avoid or Minimise Risk

1) Before Starting Work:

2) **Safe Working:** supervision and instruction as above

3) **Upon Completion:**

Overall Task Residual Risk (High, Med or Low) After Implementing Control Measures **LOW**

Are the Risks Adequately Controlled **Yes** (If No This Activity **Must Not** Take Place. Contact Health, Safety & Welfare for further advice)

Assessor Name: N Wickenden

Signature

Nick Wickenden

Date: 2 Mar 2012

Date Communicated to Staff:

RISK ASSESSMENT REVIEW

ADDITIONAL CONTROL MEASURES:

Are Employees Complying **Yes**

Have Any New Hazards Been Identified **No**

Are the Risks Adequately Controlled **Yes**

If No This Activity **Must Not** Take Place. Contact Health, Safety & Welfare for further advice

REVIEWED BY:

Signature:

Nick Wickenden

Date: 18 May 2018

Date Communicated to Staff (if findings different):