

# Bricklaying

## Competition Brief and Mark Scheme

TIMINGS	ACTIVITY
9:00	Industry Judges arrive at host sites.
9:15	Welcome speech given by guest judges / visitor
10:00	Competitions start <b>promptly</b> .
1:00 - 2:00	Lunch break/Network (provided for visiting students and judges by the host college).
2:00 - 3:00	Competition wrap-up: Judges and teaching teams share feedback with competitors.
3 – 3.30	Closing from host

### OVERVIEW:

This Brickwork Competition is designed to showcase the skills and creativity of the Level 1 bricklayers. Participants compete in various tasks that test their precision, speed, and craftsmanship in bricklaying. The competition aims to promote excellence in the trade, encourage professional development, and foster a sense of community among bricklayers.

### SCENARIO:

As a skilled apprentice bricklayer, you have been commissioned to construct a small decorative brick wall for a community building project. This is an opportunity to impress industry professionals and potential employers by demonstrating precision, creativity, and efficiency under pressure.

Your work must meet high industry standards, combining traditional techniques with innovative design. This is your chance to prove you have the skills to build for the future.

### LOCATION:

Bricklaying Workshop

### DURATION:

The total amount of time available for the activity is 3 hours including:

- 30 mins – setting up and preparation
- 2 hours – bricklaying and joint finishing
- 30 mins – cleaning and final checks

### JUDGING:

TBC

### EQUIPMENT:

You will be provided with the following equipment:

- Bricks (standard clay and contrasting types)
- Mortar and trowels
- Spirit levels, tape measures and string lines
- Profiles and battens

**OBJECTIVES:**

- **Skill Development:** Enhance participants' bricklaying skills through competitive practice.
- **Recognition:** Provide a platform for bricklayers to gain recognition for their expertise.
- **Community Engagement:** Involve local communities and promote the importance of skilled trades.

**KEY COMPONENTS:****1. Participants:**

- Open to bricklayers from Level 1 and 2
- Individual and team categories to encourage diverse participation. Participants will have the opportunity to work as individuals or as a pair

**2. Tasks:**

- Participants will complete specific bricklaying tasks, such as constructing walls with a basket weave panel
- Tasks will be judged on accuracy, speed, and overall quality.

**3. Judging Criteria:**

- **Precision:** Accuracy in measurements and alignment.
- **Speed:** Time taken to complete the tasks.
- **Aesthetics:** Visual appeal and craftsmanship.
- **Safety:** Adherence to safety protocols during the competition.

**4. Awards:**

- Prizes for top performers in various categories.
- Certificates of participation for all competitors.

**5. Logistics:**

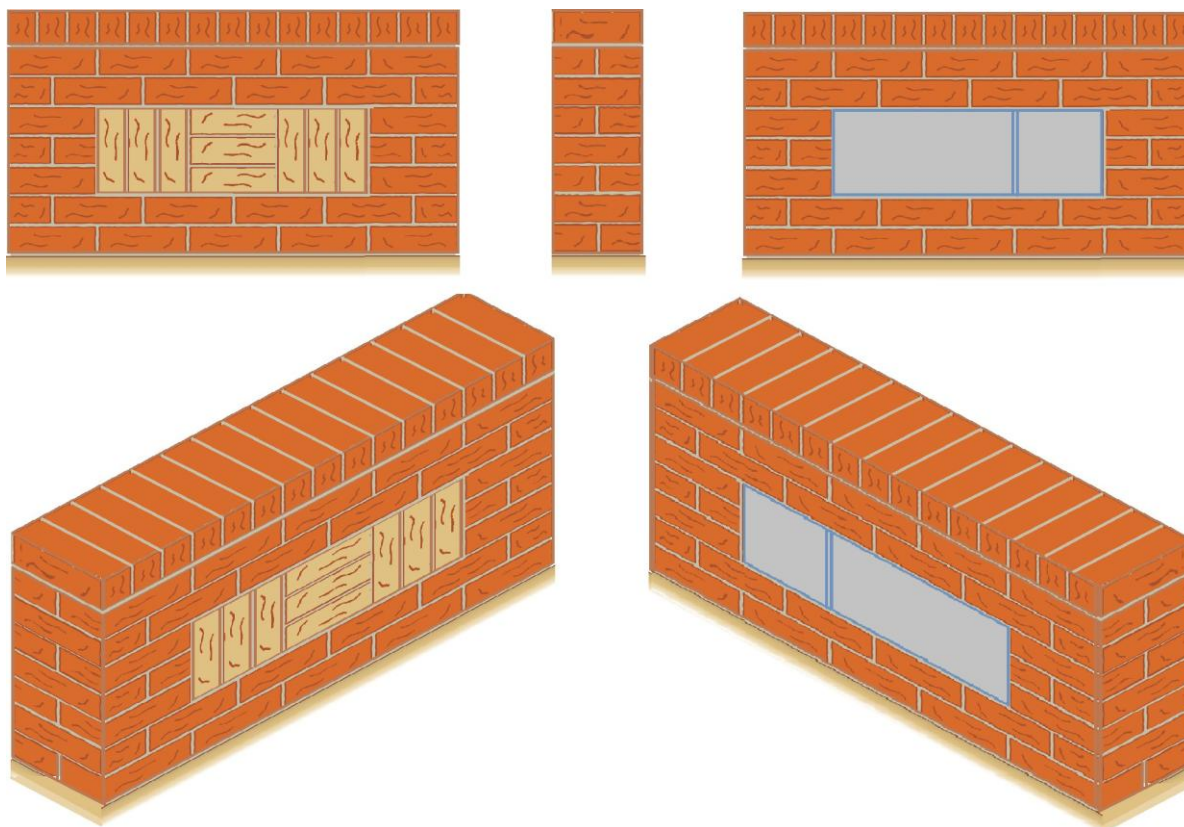
- **Venue:** A suitable location with ample space and safety measures.
- **Materials:** Bricks, mortar, and tools provided for participants.
- **Support Staff:** Volunteers and professionals to assist with event setup and management.

**6. Safety:**

- Strict safety guidelines to ensure the well-being of all participants and spectators.
- Emergency procedures in place for any incidents.

**CONCLUSION:**

The Brickwork Competition is a valuable event that highlights the importance of skilled trades in the construction industry. It provides a platform for students to demonstrate their abilities, gain recognition, and connect with peers. By fostering a competitive yet supportive environment, the competition contributes to the professional growth of participants and the overall achievement and advancement of the trade.

**SKILLS SHOW - STUDENT TASK**


Team:			
Scheme	1 Point	2 Points	3 Points
<b>Plumb: all ends and edges</b>			
Plumb point 1	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
Plumb point 2	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
Plumb point 3	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
Plumb point 4	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
Plumb point 5	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
Plumb point 6	Somewhat plumb 10mm	Near plumb 6mm	Plumb 3mm
<b>Level and Alignment</b>			
Level top Brick on edge	Somewhat level 10mm	Near level 10mm	level 3mm
Front face plane (range)	Somewhat ranged 10mm	Near ranged 10mm	ranged 3mm
<b>Speed and Aesthetics</b>			
Aesthetics and craftsmanship	Brickwork has some misalignments and inconsistent mortar joints (up to 15mm), reducing overall appeal.	Brickwork is mostly aligned, with minor inconsistencies in mortar joints (up to 12mm) that do not detract from the overall appearance	Brickwork is perfectly aligned, with consistent mortar joints (10mm) and no visible errors.
Speed and work ethic	Tasks completed within 2 hours and 30 minutes, but preparation or cleaning is rushed or incomplete	All tasks completed within 2 hours and 15 minutes, with minor delays in preparation or cleaning.	All tasks completed within 2 hours, with all preparation and cleaning finished within the allotted time.

Total  
score

/ 30