* Over the next 5 sessions, complete one written activity per session to support your practical tasks in bricklaying
* Complete brick laying practical tasks:

Task 1 straight wall stretcher bond

Task 2 90 degree corner stretcher bond

Task 3 four course brick pillar

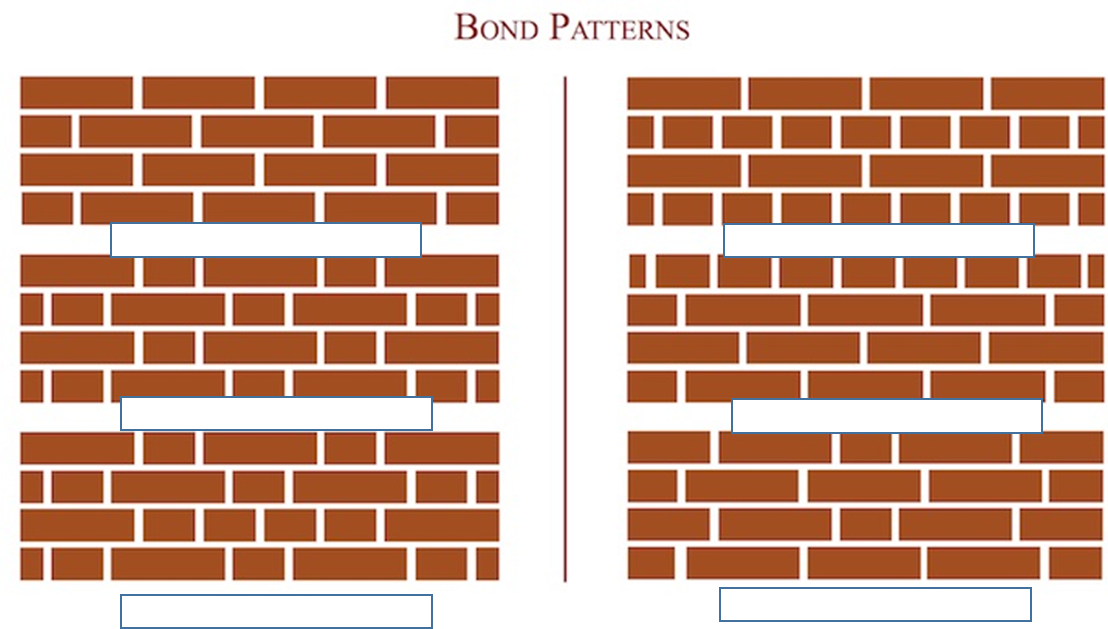
Complete any additional brick tasks to further develop practical skills

**Identify the tools below. Pointing tool, Spirit level, pointing trowel, bricklaying trowel, shovel, line pin**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Identify the brick parts and positions

Stretcher Header Rowlock Shiner Soldier Sailor

Match the description with the images

**Stretcher bond (half bond)** - most recognisable type of bond which we use in this workshop

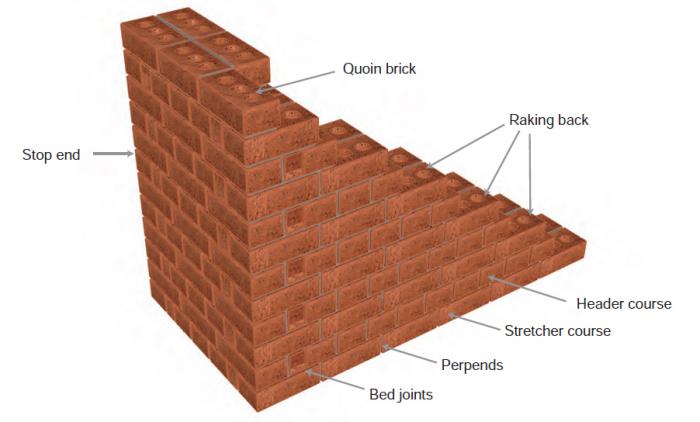
**English bond** - consists of alternate courses of headers and stretches

**English garden wall bond** – consists of at least three stretcher courses to one header course

**Flemish bond** - each course of 1 header and 1 stretcher repeated

**Flemish cross bond** - Similar to [Flemish bond](https://encyclopedia2.thefreedictionary.com/Flemish+bond) but with two additional headers in place of a stretcher at intervals.

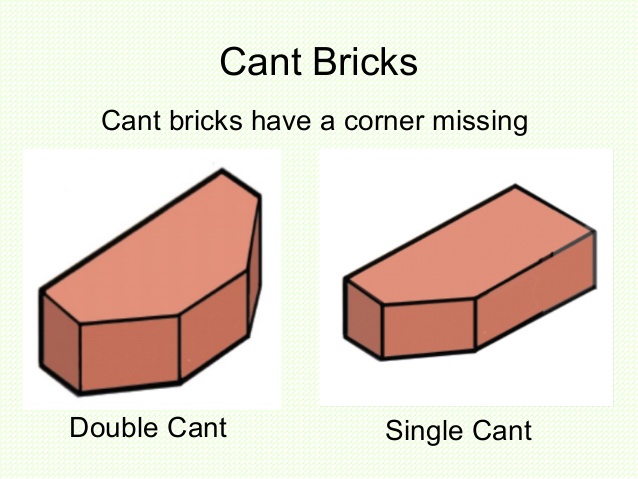
**Flemish garden bond** – each course is made of three stretchers and one header, repeated

Using the list below, identify the brick terms

|  |  |
| --- | --- |
| **Stop end** - The bricks that stop the wall level with each other | **Header course** – the short end of the brick |
| **Bed joints** – the horizontal layer or mortar between courses | **Quoin brick** – the brick laid at the corner |
| **Stretcher course** – the long end of the brick | **Raking back** – when each course steps backward rather than being a stop end |
| **Perpends** – the vertical layer of mortar between bricks |  |

Brick Quiz

1. What weight club hammer would be adequate for any bricklayer?
2. 1kg
3. 3kg
4. 5kg
5. 10kg
6. How long would a spirit level need to be for general work?
7. 200mm
8. 500mm
9. 900mm
10. 1100mm
11. The use of brick was first recorded how long ago?
12. 500 years ago
13. 1000 years ago
14. 6000 years ago
15. 10,000 years ago
16. What kind of brick is shown below?
17. Squint brick
18. Cant brick
19. Bull nose brick



1. Sand-lime bricks are heated in…
2. Intermitten kilns
3. Autoclaves
4. Clamp
5. Bricks should be thoroughly dried before burning to….
6. Ensure even colour
7. Ensure easy handling
8. Prevent cracking

Task 1; Straight wall stretcher bond, 10mm mortar bed and perpend

Task2; 90 degree corner using a stretcher bond 10mm mortar bed and perpend

Now that you have completed the three basic tasks, you can now work on practicing your skills by completing any of the other tasks

* Brick barbecue
* Two pillars with a gate between
* Two pillars with a brick arch
* Past brick laying competition tasks
* Different brick bonds as shown on page 3

Any additional tasks can be attached to this booklet