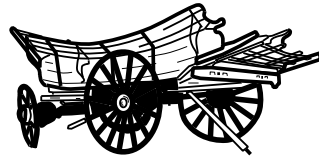
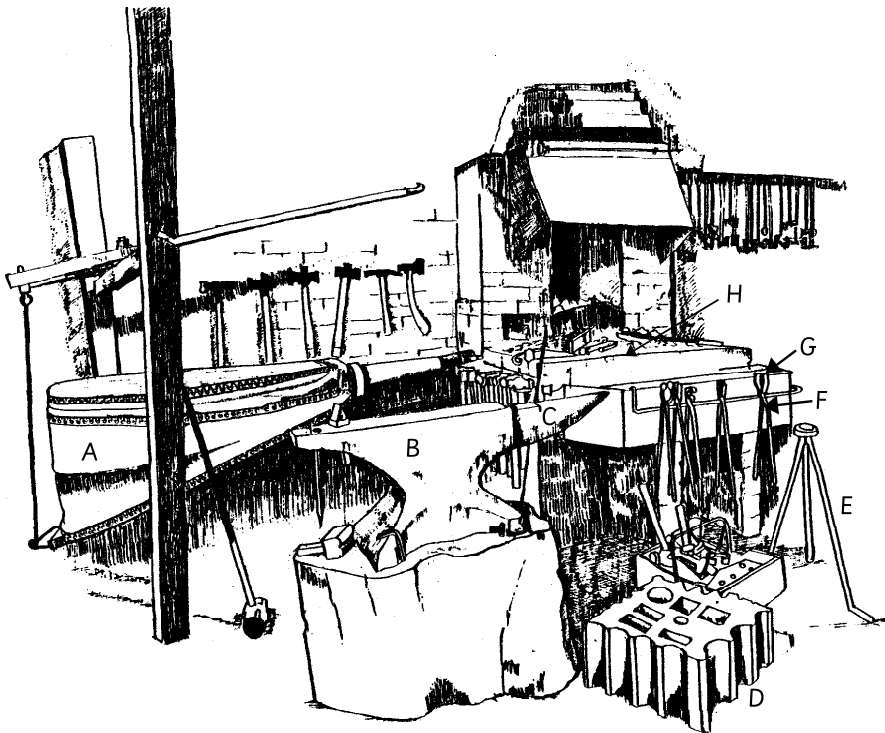


The Blacksmith

Location: In demonstration area



**Rural
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The Forge

Here are some of the things you can see in the drawing. Find the letters A to H and fill in the correct letters against the labels (the first one is done for you).

- Anvil A
- Beck
- Bellows
- Cooling tank
- Farrier's stand
- Hearth
- Swage block
- Tongs

Now write down the names of two other objects in the drawing.

- 1
- 2

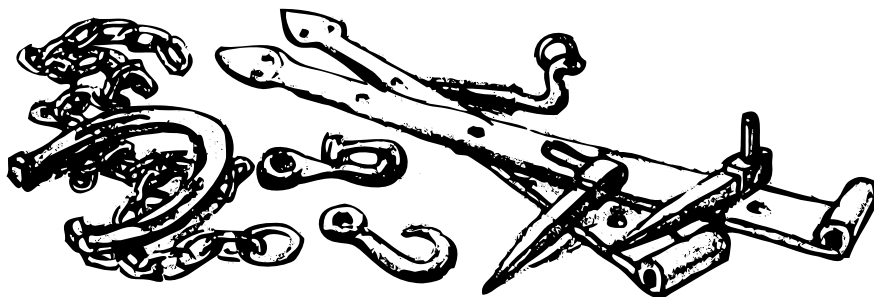
This is the coat of arms of the Worshipful Company of Blacksmiths. It bears tools and a crest showing a Phoenix alive in the flames fired by the sun.

Look up the myth of the Phoenix. It will help you to understand why it was chosen by the blacksmiths.

Find out more about myths and legends.

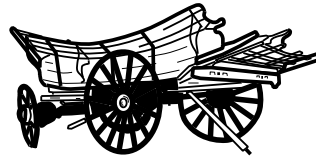


Here are some objects which you will see about the forge and the museum. Can you name four of them over the page?



The Blacksmith

Location: In demonstration area



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Four of the objects shown in the drawing overleaf are: 1
2 3 4

As you go around the museum can you find five more objects that might have been made by a blacksmith? 1

2 3

4 5

Now write down the names of four objects at your home or school that could have been made in a forge.

1 2

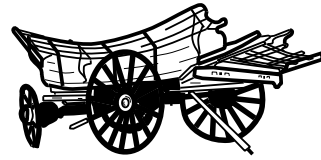
3 4

Here is a poem about the blacksmith at work. Some of the words are missing, can you fill them in? Each dash stands for a letter. The drawing of the forge and the poem itself should help you. When you've finished can you write a title for the poem?

_____ (Title)
The _____ blow, the coal glows red
As _____ into the _____ is fed.
Metal's held in _____ firm jaws —
Getting hotter, fire roars!
Metal bends now — mustn't rush —
Clean it off with wire _____
Anvil's _____ is near at hand
On which to _____ shape as planned.
Metal slowly loses _____
Under crashing, steady beat.
Back into the fire for more,
While muscles heave and bellows _____
Heat and sparks fly out together,
Smith needs _____ made of _____
Heat and hammer 'til it's done —
The shape complete, the battle won.

The Blacksmith

Location: In demonstration area



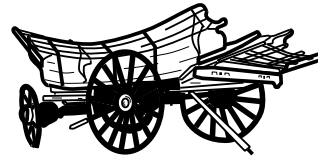
**Rural
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Draw or write here about what the farrier makes.

Use this space to draw some different kinds of hammers.

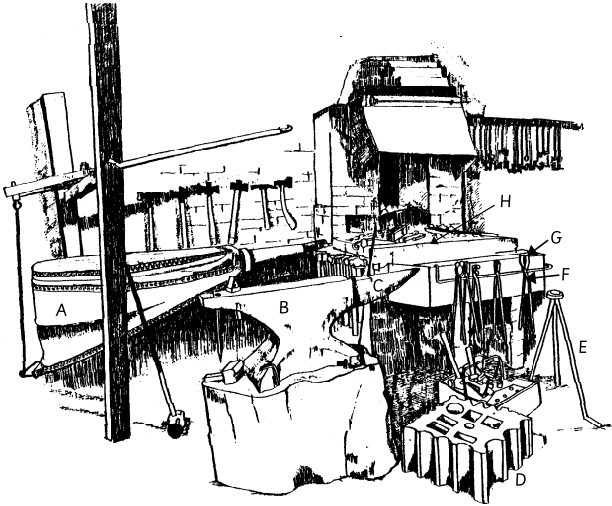
The Blacksmith

Location: In demonstration area



**Rural
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Teachers' Notes



The items lettered in the drawing of the forge are as listed at the right.

Other items illustrated include: Sledge and other hammers, hardie, swage, flatter.

Anvil	B
Beck	C
Bellows	A
Cooling tank	G
Farrier's stand	E
Hearth	H
Swage block	D
Tongs	F

Hinges and hinge pins, hooks, horseshoes and chains can be seen in the drawing of objects produced in a smithy.

Among many other such blacksmith made items to be seen around the museum are: waggon tyres, gates, ploughs, fire-dogs and hay prongs.

Items found in the home or school are becoming less commonplace but could include gates, fire irons, nails, and door hinges.

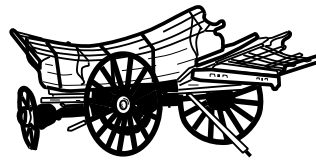
A farrier makes horseshoes and shoes horses, also producing special shoes for horses with damaged hooves.

_____ (Title)

The bellows blow, the coal glows red
As iron into the forge is fed.
Metal's held in tongs firm jaws —
Getting hotter, fire roars!
Metal bends now — mustn't rush —
Clean it off with wire brush
Anvil's face is near at hand
On which to hammer shape as planned.
Metal slowly loses heat
Under crashing, steady beat.
Back into the fire for more,
While muscles heave and bellows blow
Heat and sparks fly out together,
Smith needs apron made of leather
Heat and hammer 'til it's done —
The shape complete, the battle won.

The Blacksmith

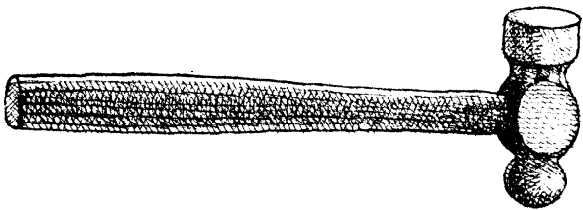
Location: In demonstration area



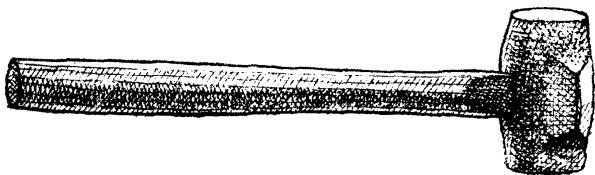
**Rural
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Teachers' Notes continued

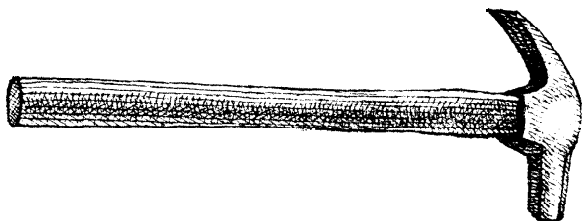
Below are a selection of hammers used by a blacksmith, as illustrated in John Seymour's "The Forgotten Arts".



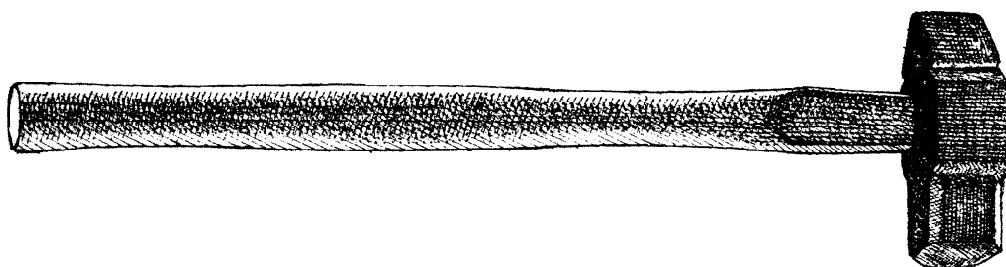
Ball peen or ball peen hammer



Cat's head or farrier's hammer



Shoeing hammer



Sledge
hammer