Year 11 Transition Tasks

Bricklaying

What is Bricklaying?

A bricklayer, which is related to but different from a mason, is a craftsperson and tradesperson who lays bricks to construct brickwork. The terms also refer to personnel who use blocks to construct blockwork walls and other forms of masonry

Bricklaying is a physical job, and the majority of work is undertaken outside. Which can mean lovely warm summers and cold winters – what does this mean to you?

Health and safety within most trades found in construction is very important. Work carried out has to be done in a certain way, by certain people, using certain techniques, tools and materials and even at certain times. Many health and safety requirements are covered by their own regulations. Ensuring you work to and abide to set regulations is very important. It is literally a matter of life or death!

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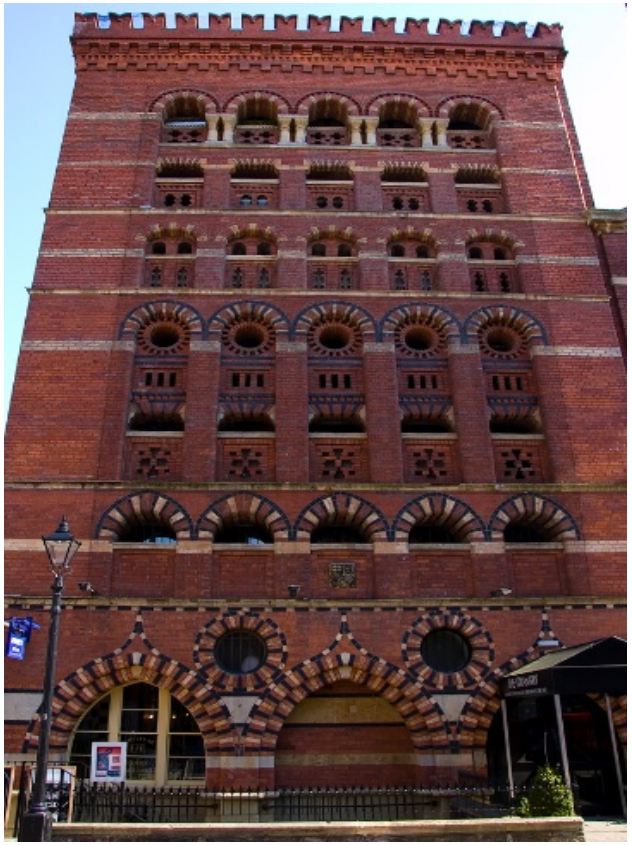
Activities

In this pack you'll find 3 short tasks, relating to bricklaying. Please take a look and have a go at completing in full. Enhance your knowledge of bricklaying by using the internet to research also.

For the right person bricklaying can be a very rewarding profession in many ways. E.g. – structures you may build can be there for many years, outliving the person who built them. Now that is something to be proud of!



Granary, Bristol. The Granary is a building on Welsh Back, Bristol, England. It was built in 1869 by Archibald Ponton and William Venn Gough with red Cattybrook brick with black and white brick and limestone dressings as a granary but has been used as offices. **Completed: 1869**

Year 11 Transition Tasks

Task 1 – Wordsearch

All the words are connected with Health and Safety. The words have been printed across (backwards or forwards), or up and down, or diagonally, but always in a straight line.
Can you find them?

Hidden Words		
Toxic	Harmful	Corrosive
Irritant	Footwear	Eye Protection
Safety Helmet	Gloves	Wheel Barrow
Pallet Truck	Sack Truck	Hod
Prohibition	Warning	Mandatory
Safe Condition	Fire Blanket	Fire Hose
Assembly Area	Fire Alarm	Water
Foam	Powder	Carbon Dioxide

Tip: Cross the words out as you find them

Q M W X F Z M R A L A E R I F Z N E
Z F O P O V T E M L E H Y T E F A S
X I R R O Y R O T A D N A M H G K O
R R R O T B J C L V T H X W H K V H
F E A H W N Q N R Y L W A K K Y W E
Q B B I E W V K I U W R C E R K K R
B L L B A M Y R F R N U Y K R V G I
W A E I R R E M R I R E S R N V K F
V N E T W D R B N T P I V E E N N X
M K H I W A K G T R Q B T H V T Y D
N E W O H B M E O K T P T A O O A T
C T P N D T L T N R N Z V R N D L W
I K Q V H L E H M J C N M Q X T T G
X Y Z Q A C A E R A Y L B M E S S A
O Z C P T M R X C O R R O S I V E L
T J B I A S A C K T R U C K D Z F X
L K O O J S A F E C O N D I T I O N
F N F F Z E D I X O I D N O B R A C

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Task 2

Using the internet and if you've access, bricklaying books, research and answer the following questions. Please write clearly, using full sentences underneath each question.

1. What is the size/ dimensions of a standard facing brick found within the UK? You may find it easier to sketch your answer and label.

2. What are the ingredients required to mix mortar, suitable for laying bricks?

3. List 3 hand tools required in the basic bricklaying process, giving each a basic description of their use.

Year 11 Transition Tasks

Task 3 – Wordsearch

Here's another word search to finish off this pack.
All the words are connected with Different Types of Bricks and Blocks. The words have been printed across (Backwards or Forwards), or up and down, or diagonally, but always in a straight line. Can you find them?

Hidden Words		
Engineering	Facing	Frog
Solid	Common	Perforated
Cellular	Keyed	Paving
Bullnose	Double Bullnose	Bullnose Stop
Cant	Double Cant	Plinth
Plinth Stretcher	Plinth Header	Twin Hollow
Three Hollow	Jointed Three Hollow	Lightweight
Heavy Density	Reveal Block	Trench Block

K M L D R E H C T E R T S H T N I L P E
P N M K N H N F J P L T B W C N J Y S C
L W R A L U L L E C R J L R T N R O K D
I O L R K G T R Y L J D L G W P N C K V
N L V X K L F S R L L V N N L L O Y B X
T L H G X O D W O D F I Y I L L M X J T
H O T R R W G P T L C D N U B F Y N H M
H H L A T O N T F A I T B H K M T G T D
E E T G H L I F F Y H D C X B T I R D O
A E P G R L R N T K H N X G F E S E G U
D R R H E O E L M L E T H B W T N V N B
E H R X E H E Q P R C M V T H R E E I L
R T C F H N N P T T B A H N D C D A V E
T D N J O I I B L R D G N L R O Y L A C
Z E D K L W G M D R I E F T H M V B P A
Z T N L L T N J N L F V Y M G M A L Q N
R N F X O N E R R N M W K E Q O E O F T
L I B F W F R O G W Q H R Z K N H C K K
C O F D O U B L E B U L L N O S E K G P
J J B U L L N O S E S T O P T X B X P H