

Teaching notes

The chemistry is not needed but the process does need to be covered for most of the GCSE specifications. The diagram can be used as a handout with the teacher going through each point or the students could watch a video clip to help them fill in the labels.

Suggested video clips:

<http://www.britishpathe.com/video/blast-furnace>

http://www.aist.org/process_video/blast_furnace.htm

The PowerPoint is best used in a revision lesson. Using the PowerPoint, the teacher can give clues to each label to help the students identify the label before revealing the answer.

The answers are revealed in the following order.

1. coke in
2. iron oxide in
3. limestone in
4. hot air blown in
5. hot gases out
6. 1900°C
7. 1500°C
8. 700°C
9. slag
10. molten slag drained off
11. iron
12. molten iron out





