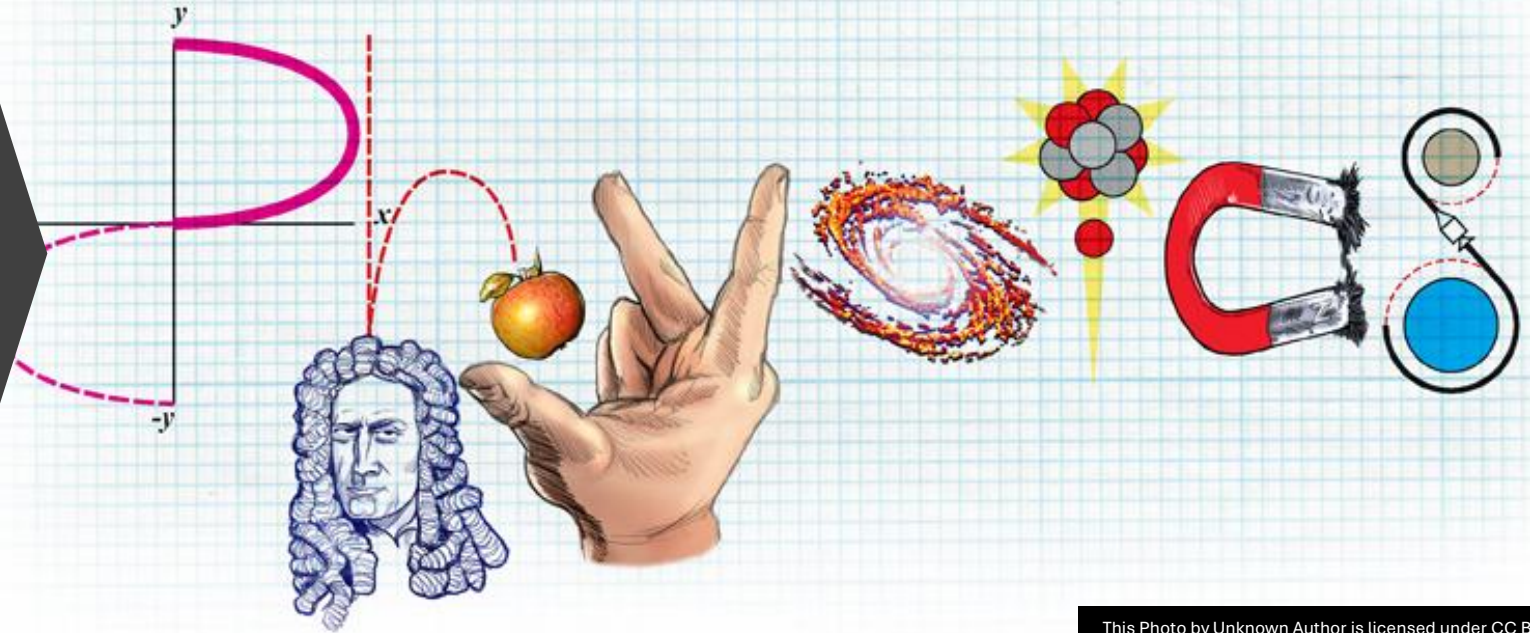


SURVIVAL SCIENCE LESSON 5A

OUR PHYSICS TIMELINE



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INVENTIONS THROUGH TIME

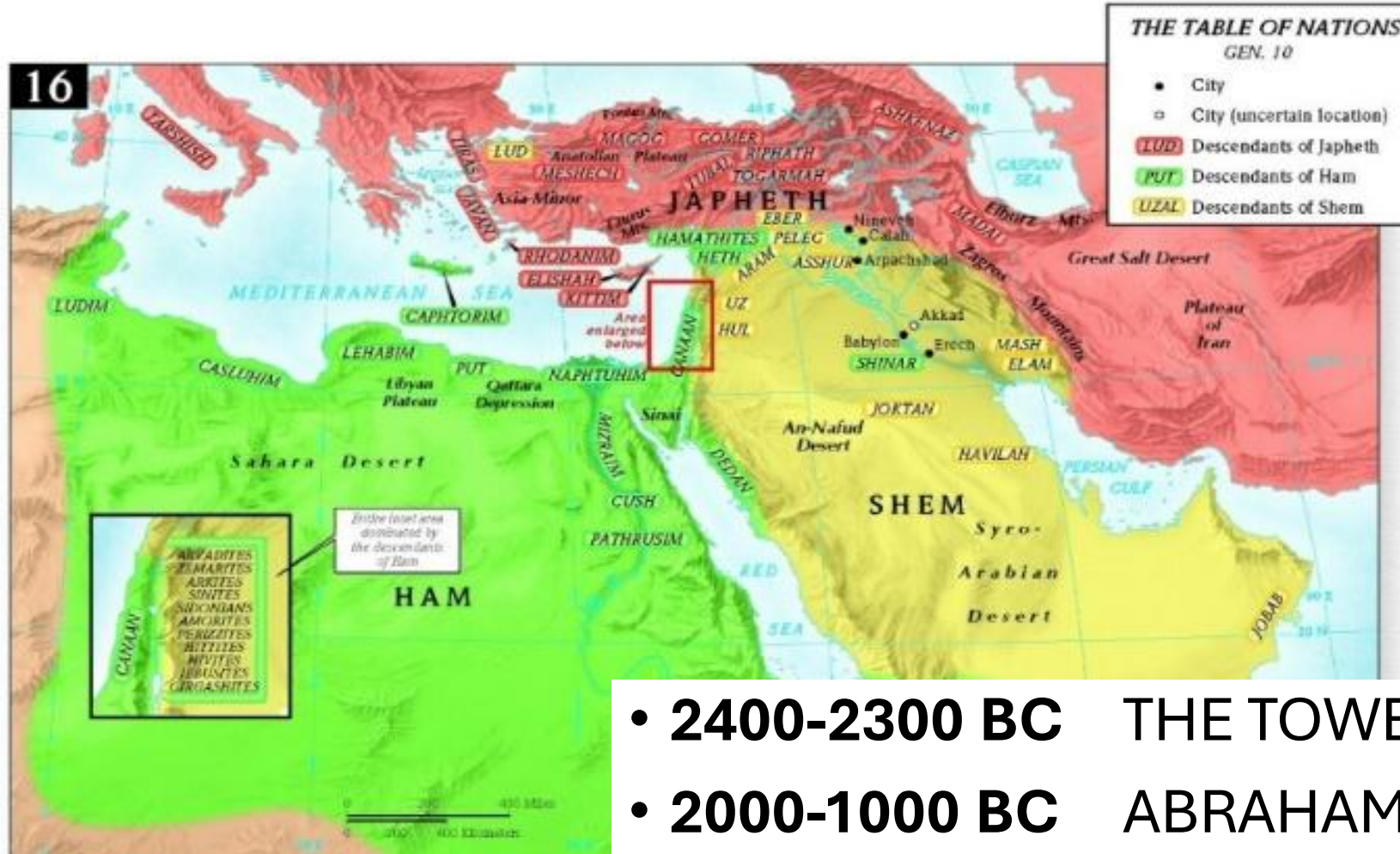
Moses to Jesus ~1000 years...

**SIMPLIFIED, ROUNDED TO NEAREST
½ MILLENNIUM**

Noah's Life to the Flood	~500 yrs
From Noah to Babel	~500 yrs
From Babel to Abram	~500 yrs
From Abraham to Moses	~500 yrs
From Moses to David	~500 yrs
From David to Jesus	~500 yrs

Hebrews 11:8 ⁸ *By faith Abraham, when called to go to a place he would later receive as his inheritance, obeyed and went, even though he did not know where he was going.*





TIMELINE

- **2400-2300 BC** THE TOWER OF BABEL
- **2000-1000 BC** ABRAHAM, ISAAC, & JACOB
- **2000-1200 BC** THE BRONZE AGE, MOSES
- **1200 - 500 BC** THE IRON AGE, THE KINGS

SAY, “I AM SENT YOU”

- Mt Sinai
- A Fire that did not consume Fuel
- Holy Ground
- Return to Egypt and Free the Hebrew Slaves, My People

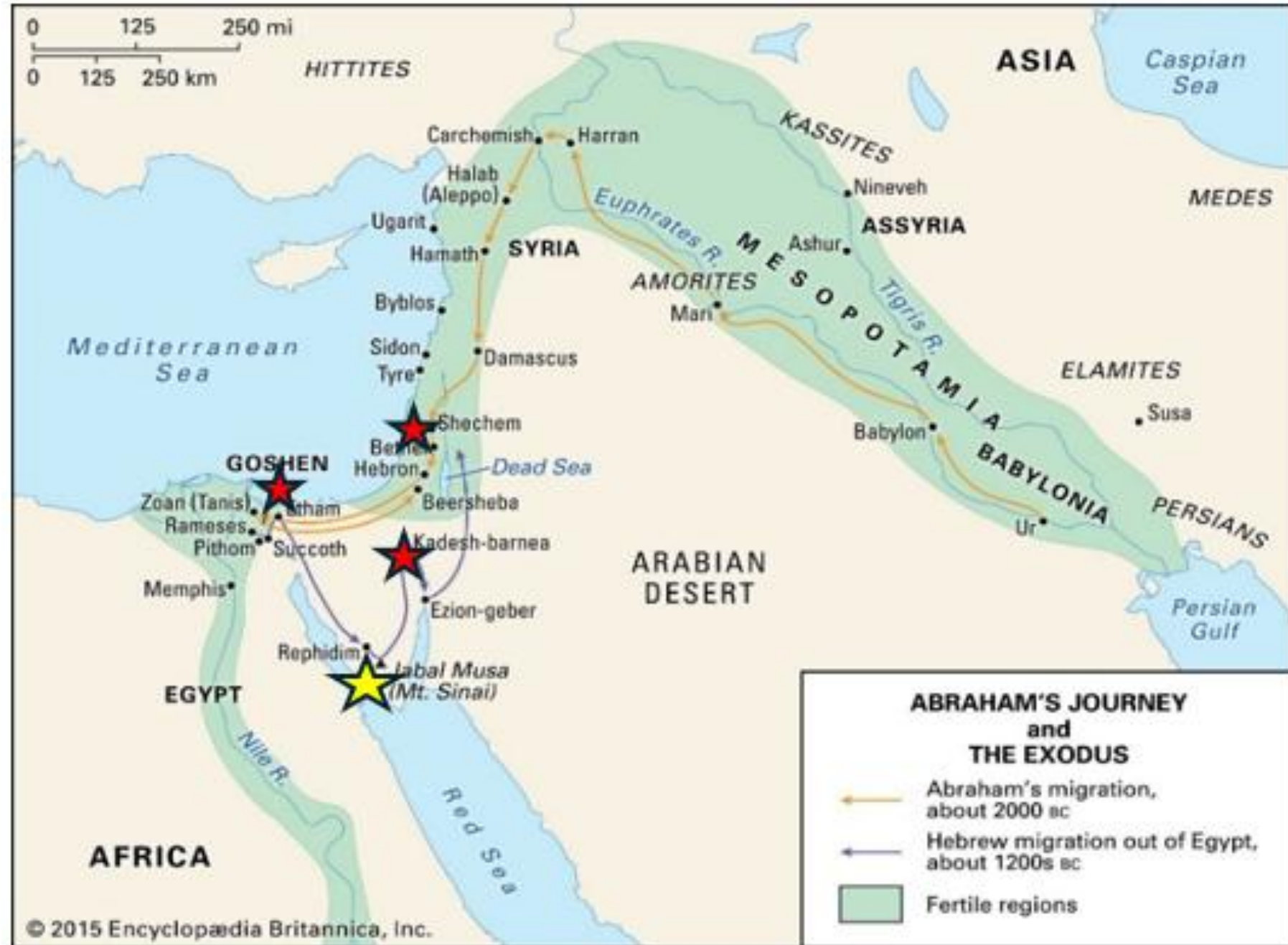


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Moses

- From Egypt
- To Sinai
- To Arabian Desert
- To Mount Nebo

There, Moses Dies





God Leads Israel in the Wilderness

A Pillar of
Clouds by Day, A
Pillar of Fire by
Night

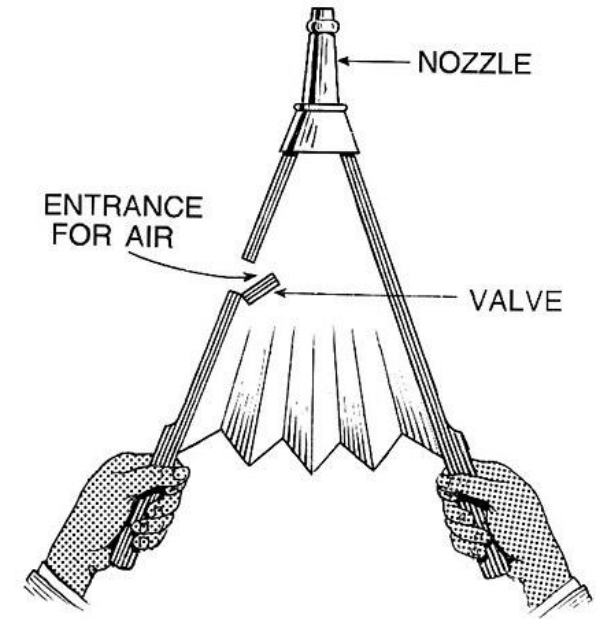
Manna & Quail

Water from
Rocks

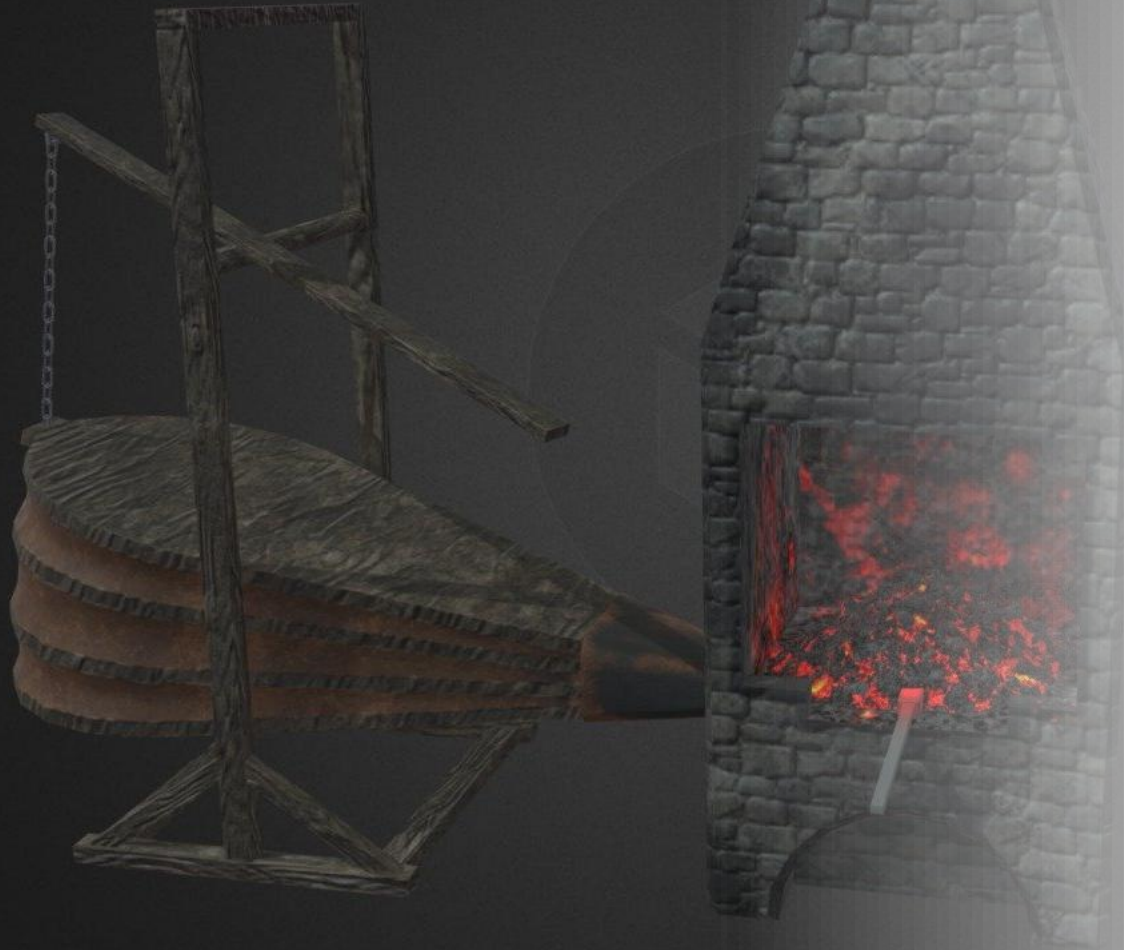
SIMPLE TOOLS

BELLOWS, FORGES, & SMELTERS:

Mining and Identifying Iron Ore – Required Melting



BELLOWS & OXYGEN



- TO INCREASE THE FLOW OF OXYGEN
- ADDING POWER TO THE FUEL/ENERGY
- MELTING HIGHER TEMPERATURE METALS

Choose Your Weapon Wisely



SMELTING VERSES FORGING

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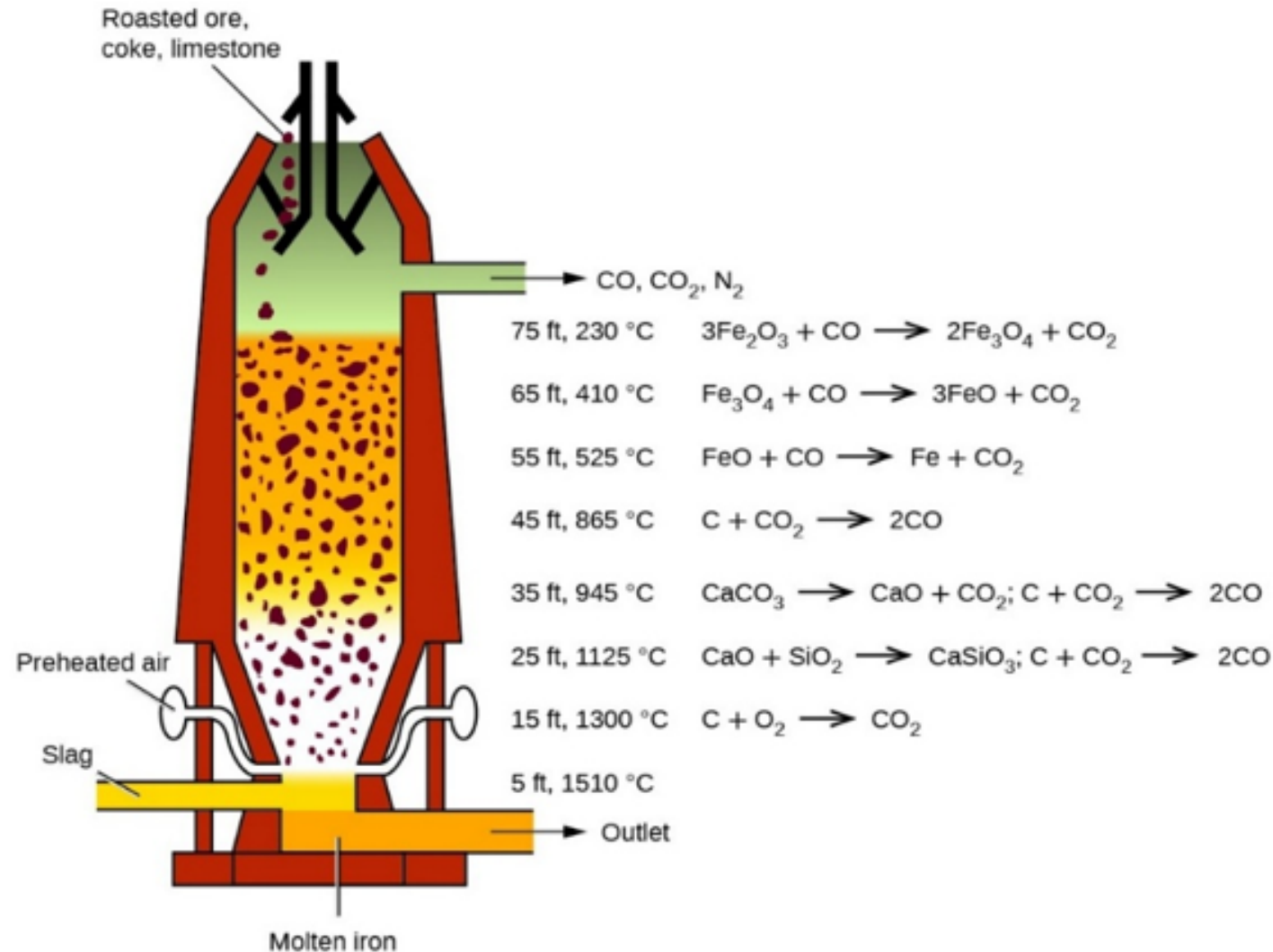


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SMELTER DIAGRAM



The process of turning preheated rock/ore into molten cast iron.

1. Gases released
2. FeO is an iron oxide
3. Carbon monoxide or dioxide are released
4. CaCO₃ limestone
5. SiO₂ quartz
6. CO₂ gas released
7. Preheated blasts of air are added (bellows).
8. Slag CaSiO₃
9. Molten Iron

REMEMBER THESE THINGS

Remember God knows our needs before we even know how to express them. The Iron Age began after Moses wrote down the first five books of the Bible, including Deuteronomy, yet God knew the resources were important to help His chosen people prosper.

Deuteronomy 8:7-9 *For the Lord your God is bringing you into a good land, a land of brooks of water, of fountains and springs, that flow out of valleys and hills; a land of wheat and barley, of vines and fig trees and pomegranates, a land of olive oil and honey; a land in which you will eat bread without scarcity, in which you will lack nothing; **a land whose stones are iron and out of whose hills you can dig copper.***

