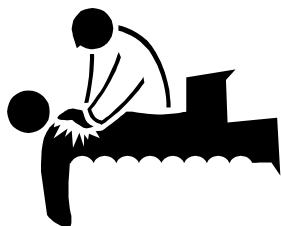


Key Points:

- The PUMP had been invented
- Columbo had found that blood passed through the lungs
- Fabricius had discovered that blood can't pass through the head
- Harvey studied at Padua
- Harvey worked as a SCIENTIST
- Determined to experiment on LIVE bodies
- Experimentation on cold blooded animals
- Theory of CIRCULATION of Blood
- Experimentation proved that blood circulated
- Harvey's theory dismisses logic of Bleeding



Laisterdyke High School
History Department

William Harvey... ... and Renaissance Medicine.

By Mr Moorhouse

PROMPTS

1: Think about Developments... could Harvey have managed to do these things without the detailed drawings, the theatre at Padua or the anatomical findings of Vesalius and others? Pinpoint the things that da Vinci and Vesalius DID and highlight the ways that these may have helped Harvey in his work.

2: Discussion question.

In some ways he was reliant on the discoveries... if the printing Press wasn't available he never have learnt as much as he needed... and the PUMP was a new technology that he BASED his theories on.

However... he experimented using devices that had been around for a long time and didn't REQUIRE the technology to make the findings. Argument is therefore whether or not he's have managed to make the discovery without the Pump giving him the inspiration!

3: Some of his ideas are NEW. Therefore they must be CHANGES. However you could suggest that these changes are in fact just a continuation of the studies conducted by Vesalius and others, which would make it a development.

4: Don't fall into the trap. Luck comes into it in some ways, much of the developments and advances are down to hard work and experimentation though. Cite examples of the experiments to suggest that chance wasn't the reason then provide examples of where simple luck was the reason for an advancement. Discuss the validity of both points then conclude.

5: Possible structure:

What did Harvey prove?

What did Ibn an Sifis' work revolve around?

What hindered Ibn an-Sifis?

What aided Harvey?

Were they looking at the same problem?

What had changed/ developed in the time that elapsed between Ibn an-Sifis and Harvey to make it possible?

Conclude