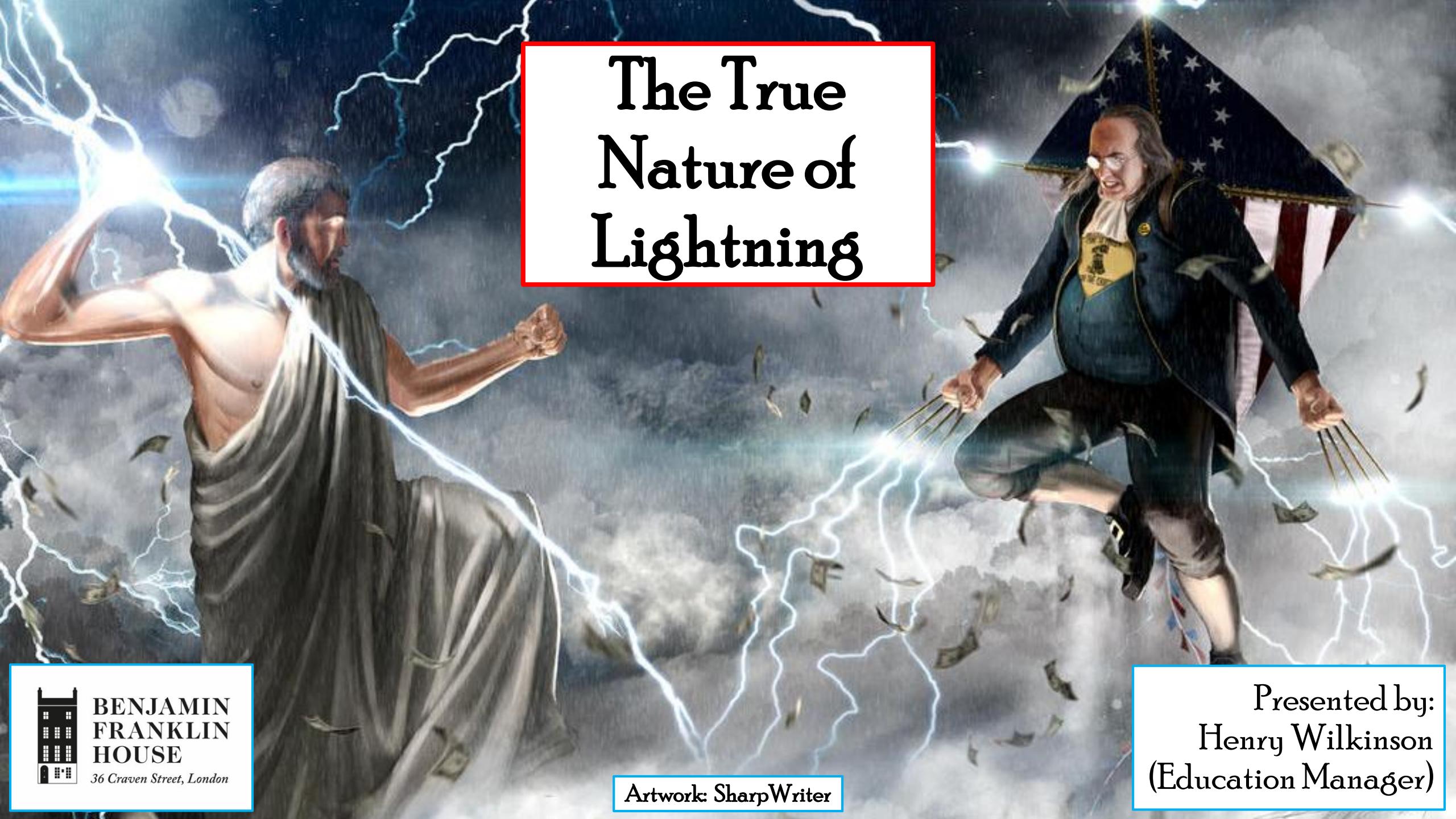


The True Nature of Lightning



BENJAMIN
FRANKLIN
HOUSE
36 Craven Street, London

Presented by:
Henry Wilkinson
(Education Manager)



The True Nature of Lightning



BENJAMIN
FRANKLIN
HOUSE
36 Craven Street, London

Artwork: SharpWriter

Presented by:
Henry Wilkinson
(Education Manager)



Benjamin Franklin
(1706-1790)



Writer

Politician

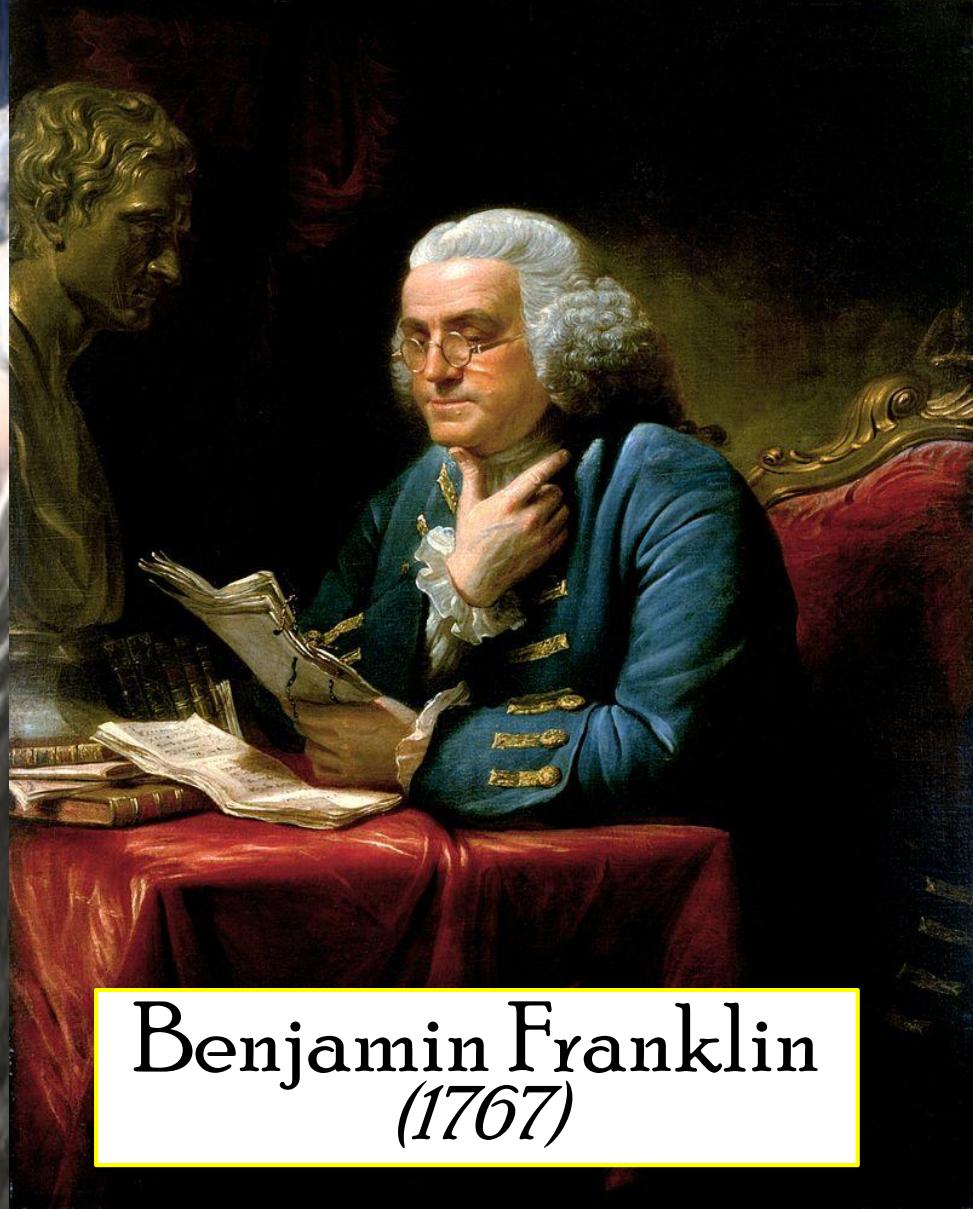
Philosopher

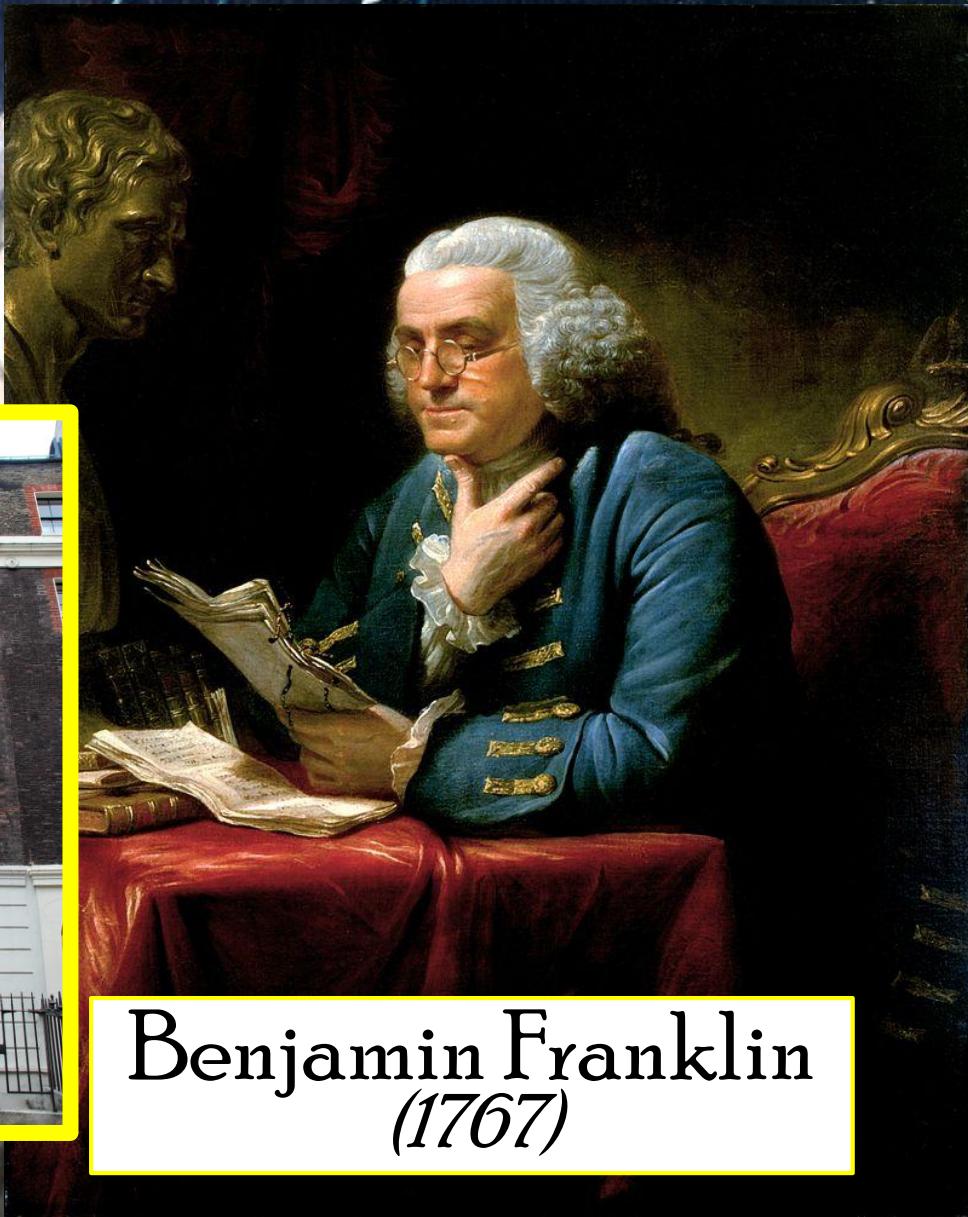
Diplomat

Inventor

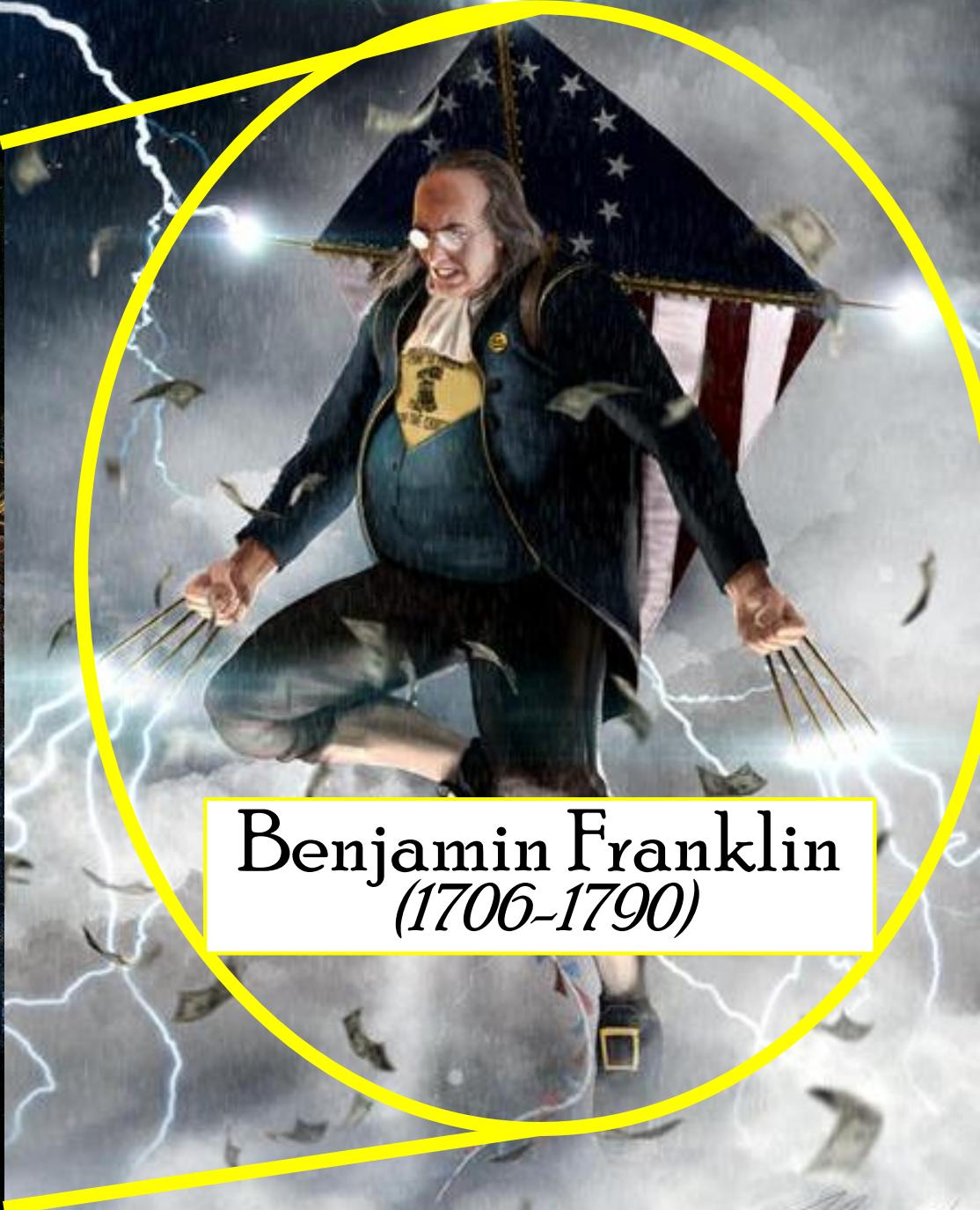
Scientist

Benjamin Franklin
(1706-1790)

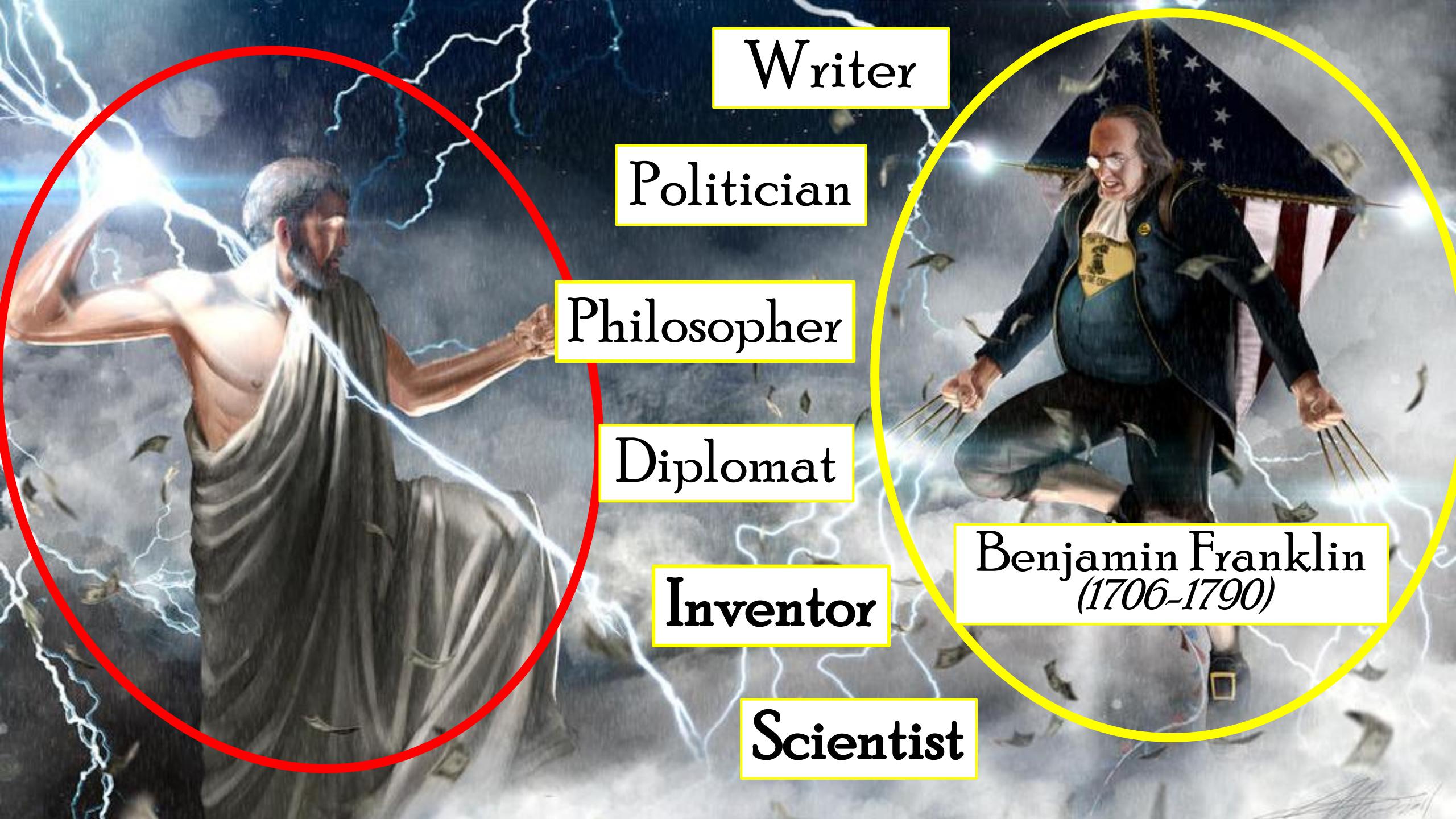


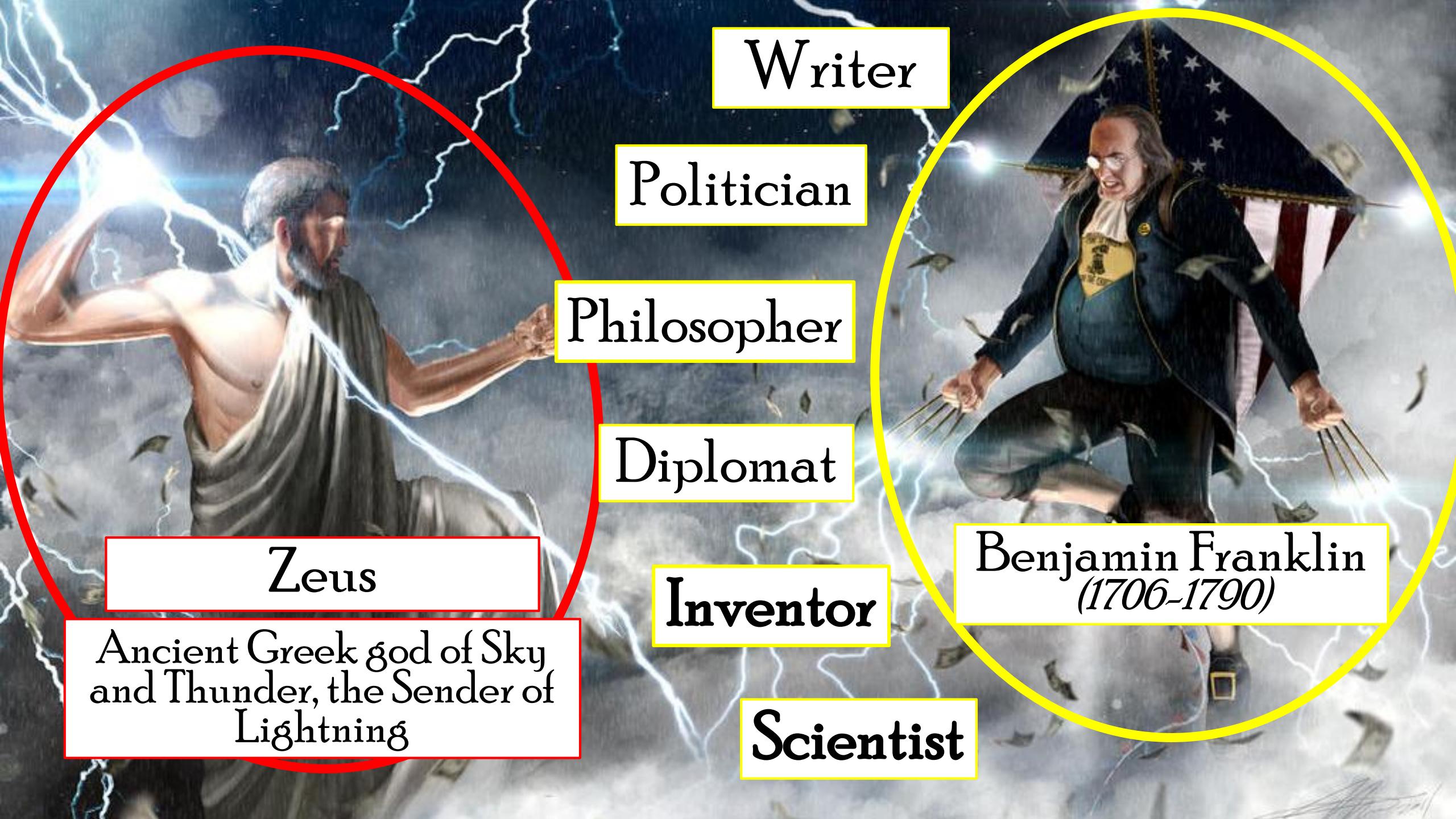


Benjamin Franklin
(1767)



Benjamin Franklin
(1706-1790)





Writer

Politician

Philosopher

Diplomat

Inventor

Scientist

Zeus

Ancient Greek god of Sky and Thunder, the Sender of Lightning

Benjamin Franklin
(1706-1790)



Writing

WHY?

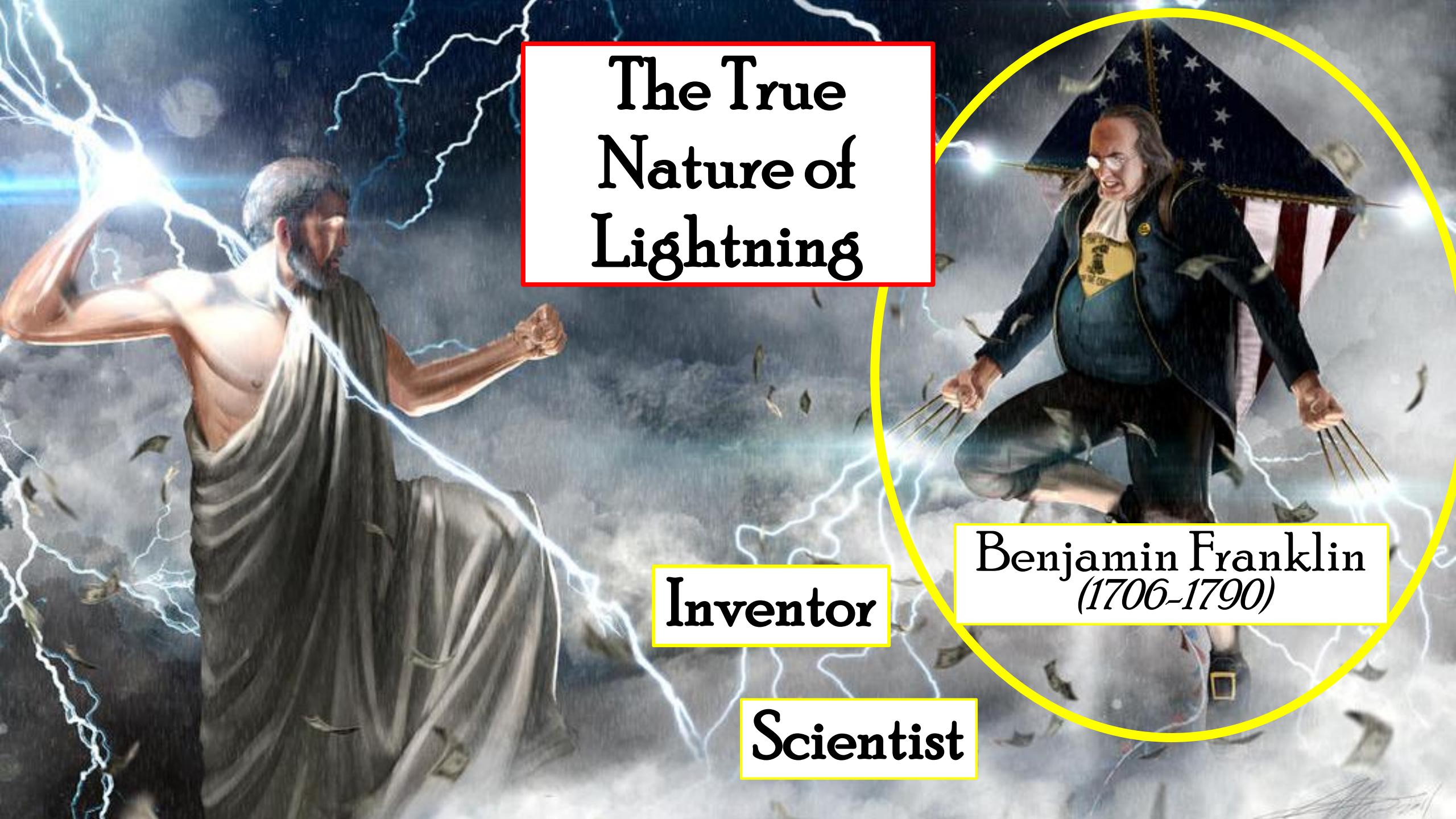
Ancient
and Thus

Sender of
containing

inventor

Scientist

Benjamin Franklin
(1706-1790)



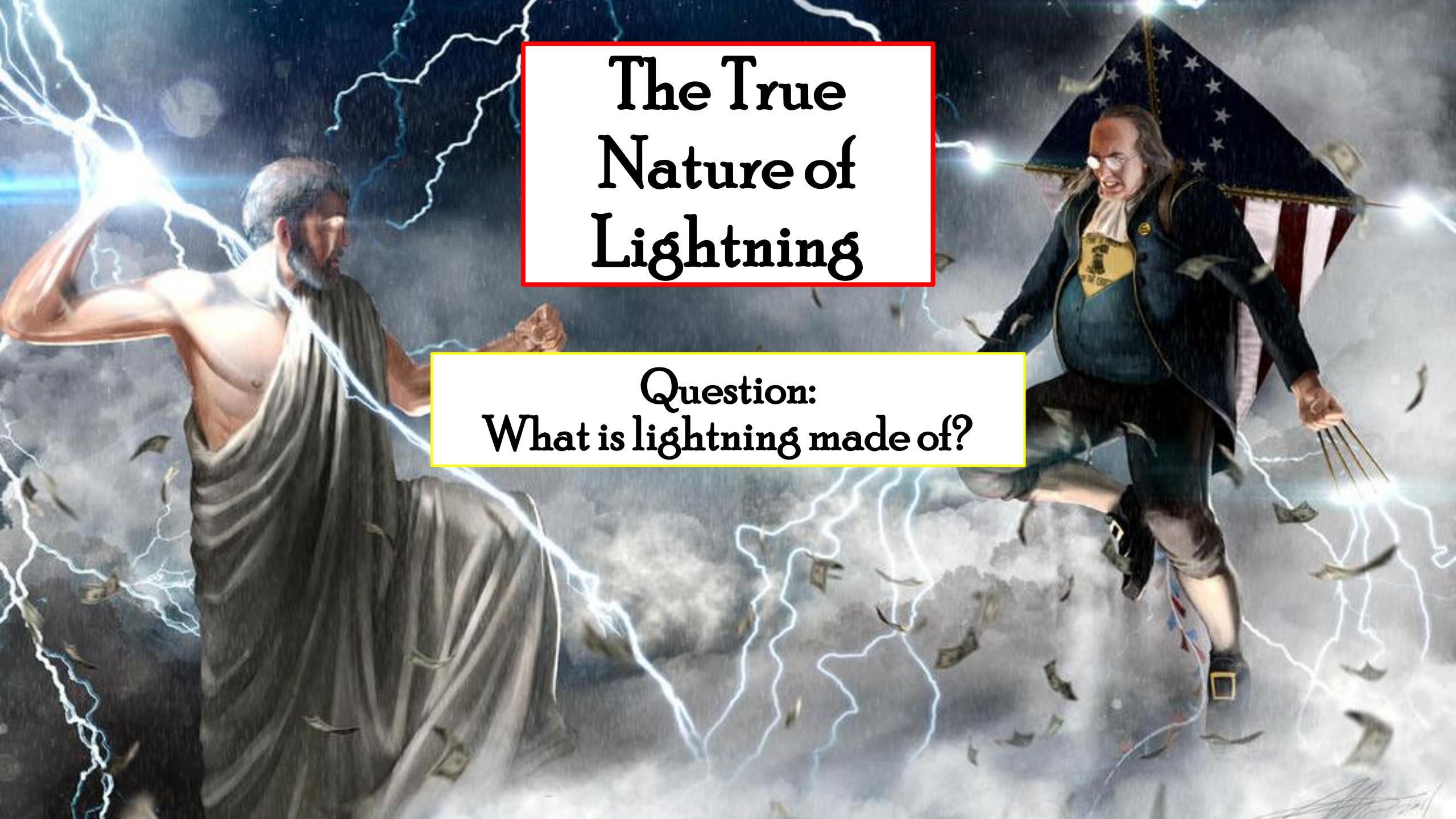
The True Nature of Lightning

Inventor

Scientist

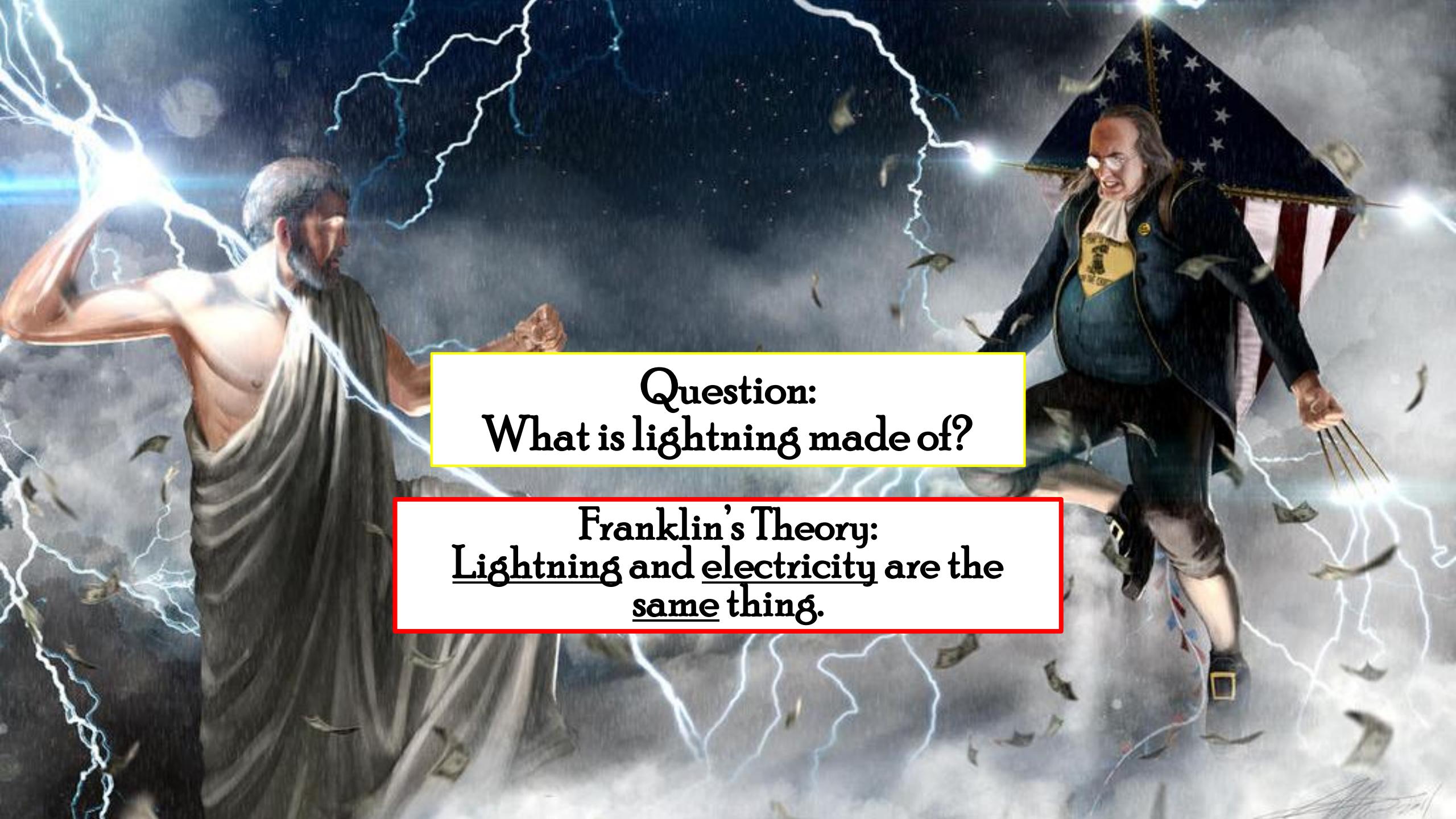


Benjamin Franklin
(1706-1790)



The True Nature of Lightning

Question:
What is lightning made of?



Question:
What is lightning made of?

Franklin's Theory:
Lightning and electricity are the
same thing.



Myth No. 1:
Franklin discovered electricity.



1752
Franklin discovers
electricity.



The Greeks discovered electricity about 3000 years ago. Its name came from the word "elektron", which means amber.



Ancient Greeks

Question:
What is lightning made of?

1706-1790



EXPERIMENTS
AND
OBSERVATIONS
ON
ELECTRICITY,

MADE AT
Philadelphia in America,
BY
Mr. BENJAMIN FRANKLIN,

AND
Communicated in several Letters to Mr. P. COLLINSON,
of *London*, F. R. S.

L O N D O N :

Printed and sold by E. CAVE, at St. John's Gate. 1751.
(Price 2s. 6d.)



A dramatic illustration of the Greek god Zeus. He is shown from the waist up, wearing a dark, flowing robe. His right arm is raised, and a massive, bright lightning bolt is held in his hand. He has a stern, commanding expression with a thick, dark beard. The background is a dark, stormy sky with many other lightning bolts visible.

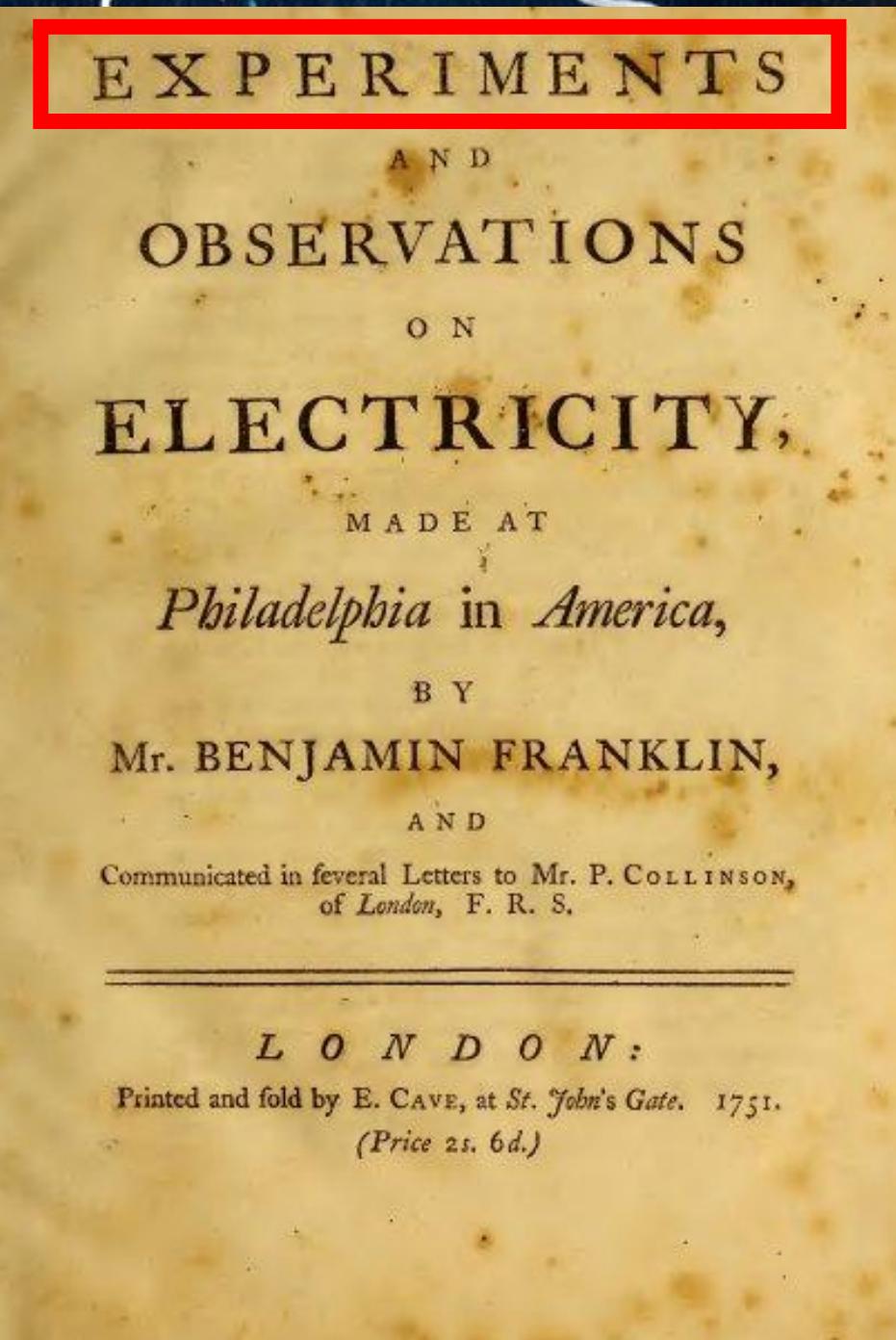
Lightning

A historical illustration of Benjamin Franklin. He is wearing a dark blue coat with a yellow lightning bolt emblem on the chest, white breeches, and stockings. He is standing on a wooden platform, holding a metal key on a long rod that is touching a metal rod attached to a large metal rod that is buried in the ground. He is looking up at a dark, stormy sky with lightning bolts striking around him. A small American flag is visible in the background.

Electricity

OBSERVATIONS

- Created light
- Made loud crashes when they exploded
- Attracted to metal
- Had a particular smell
- Static





Ben Franklin Acquires Electricity (1752)

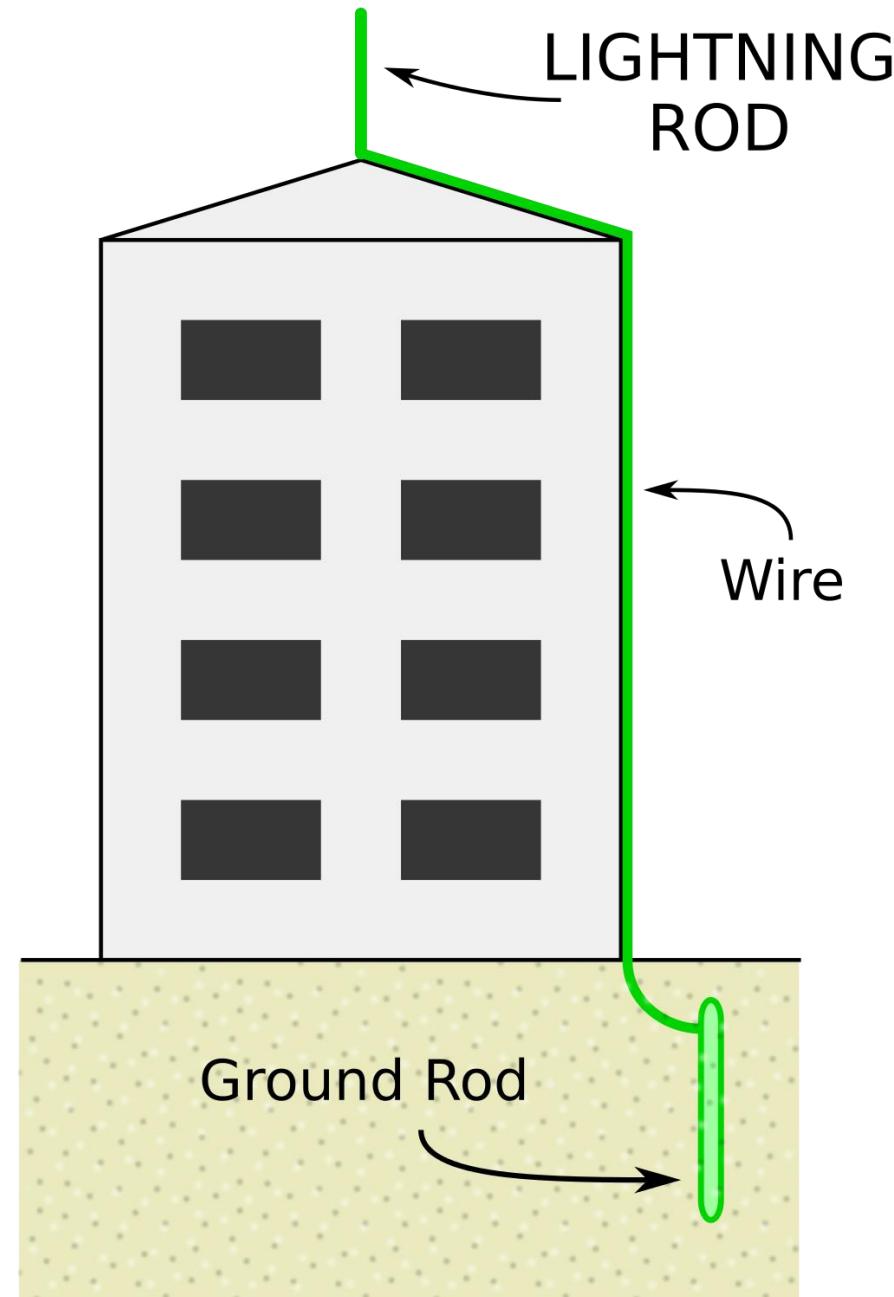




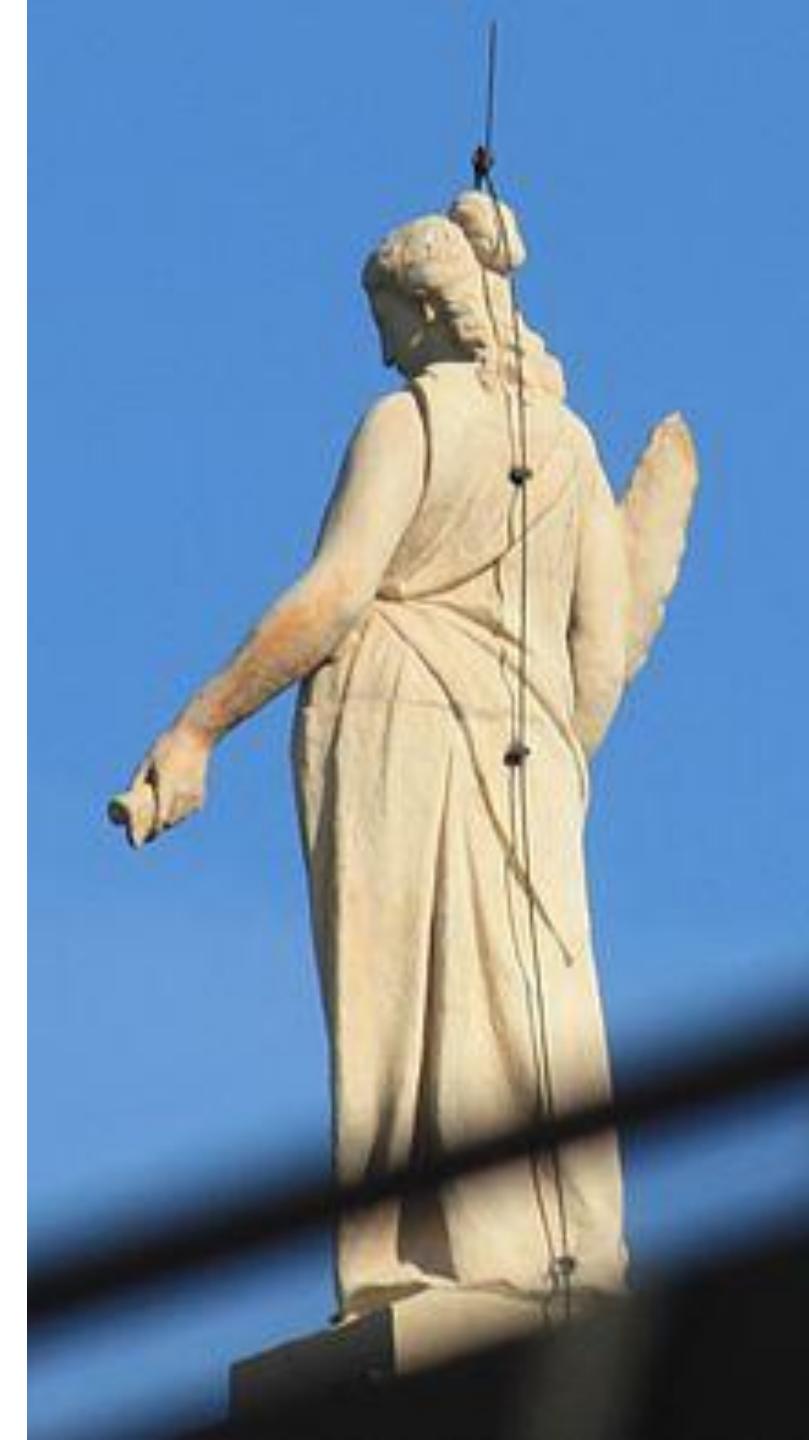
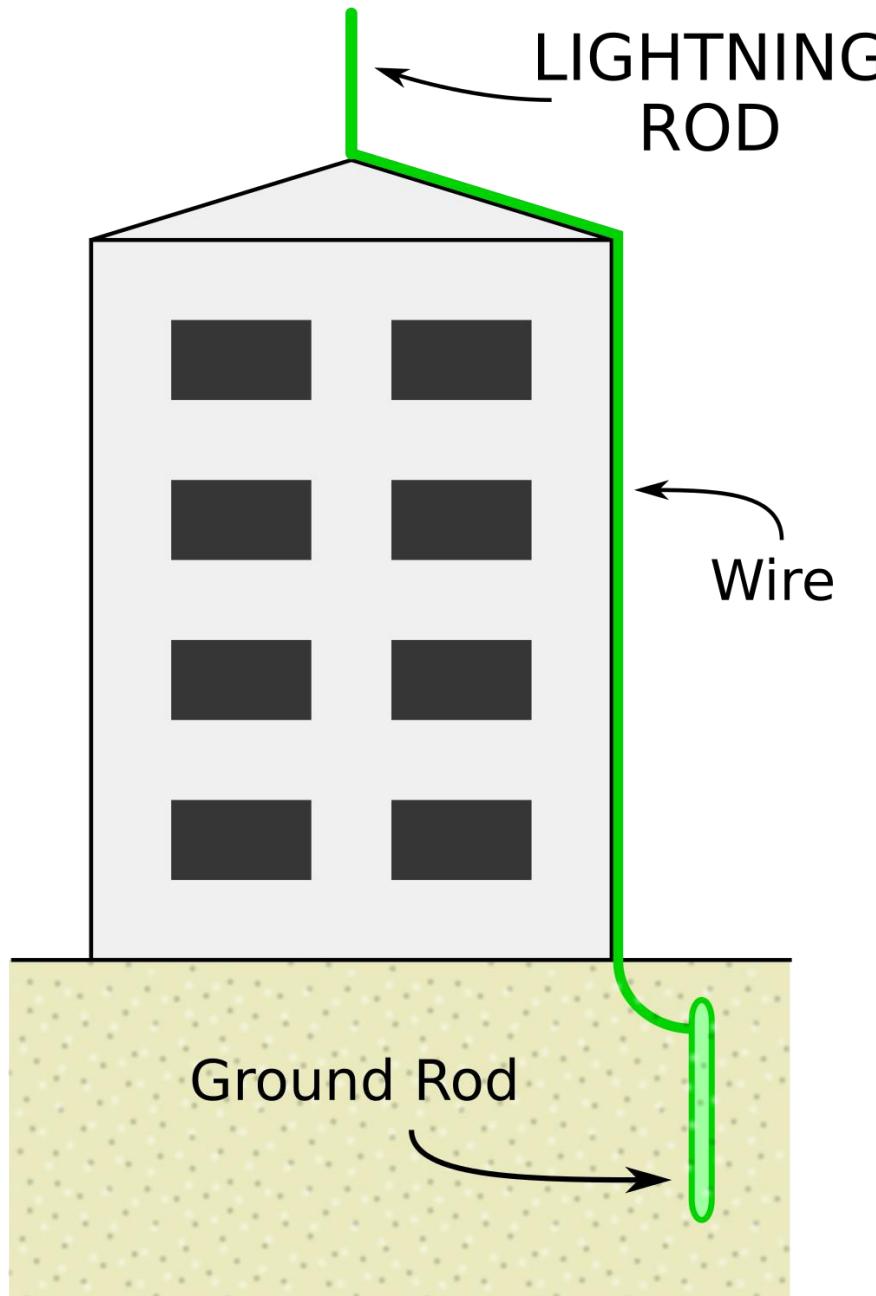


WHY?

















Wolverine claws?

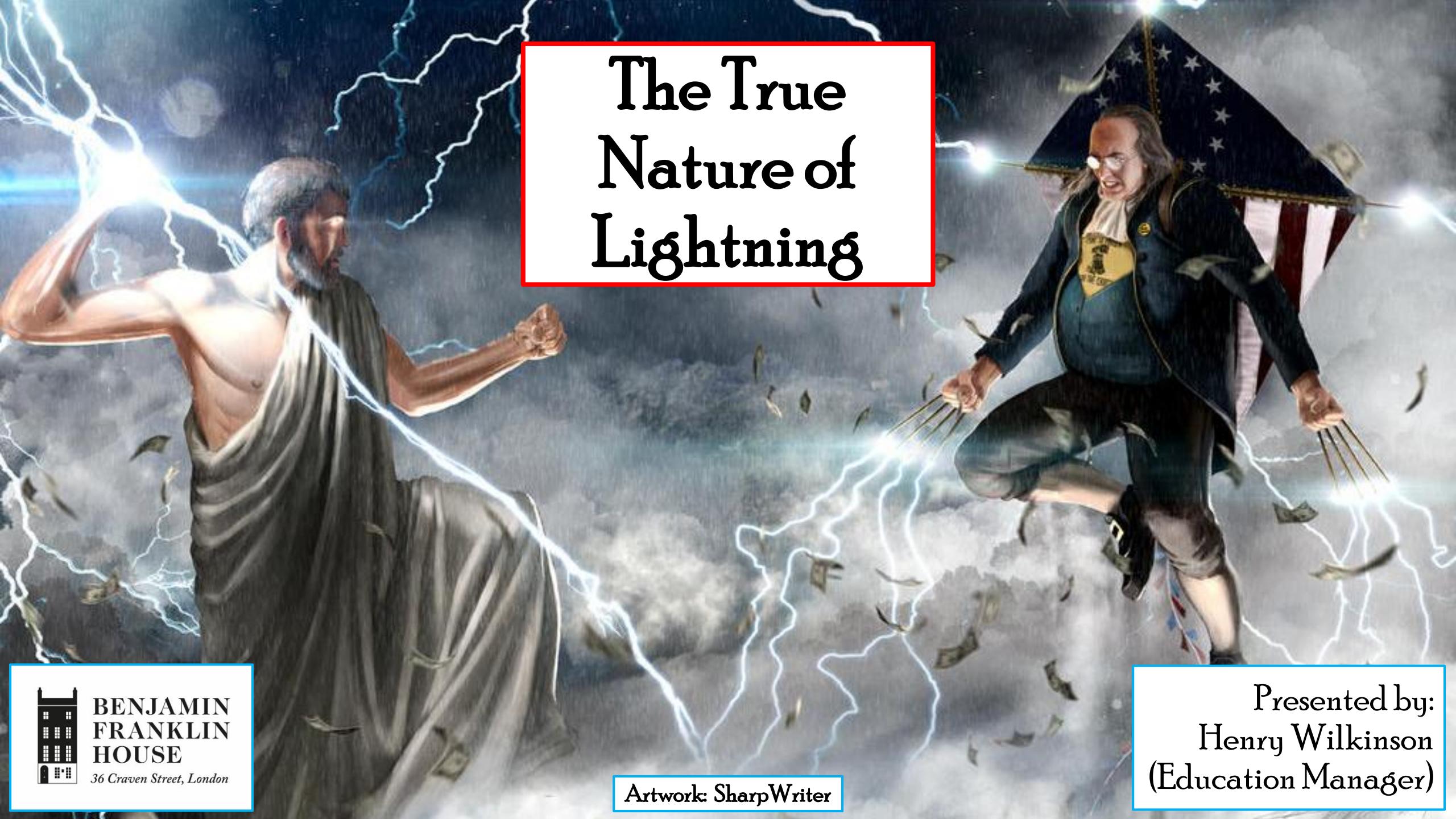
The image is a composite of several distinct elements. On the left, a large, jagged lightning bolt strikes down. In the center, a man in a dark suit and tie is shown from the waist up, looking up with a surprised expression. On the right, a man in a costume resembling the American Revolution era General George Washington is depicted in a dynamic pose, holding a sword and a musket. He is surrounded by falling dollar bills and is set against a background of a star-spangled banner and more lightning bolts. A red box with a black border is positioned over the lightning bolt, and a red line connects it to a red circle highlighting the claws of the man in the Washington costume.





Wolverine claws = Lightning Rods





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