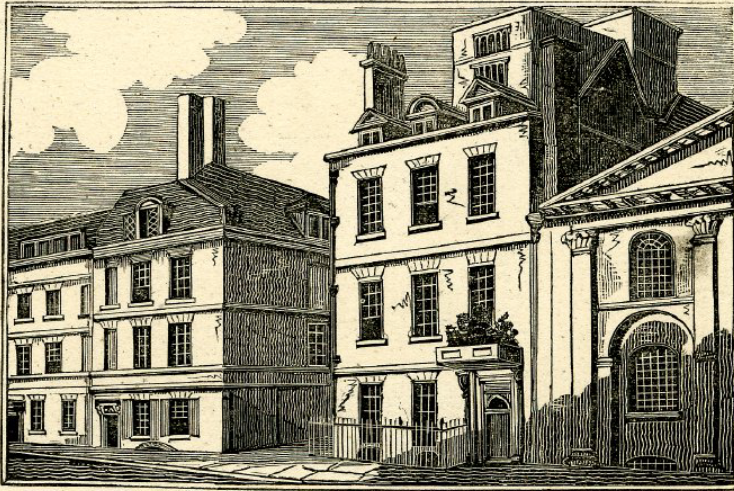


ARISE SIR ISAAC!

NEWTON'S LONDON CAREER

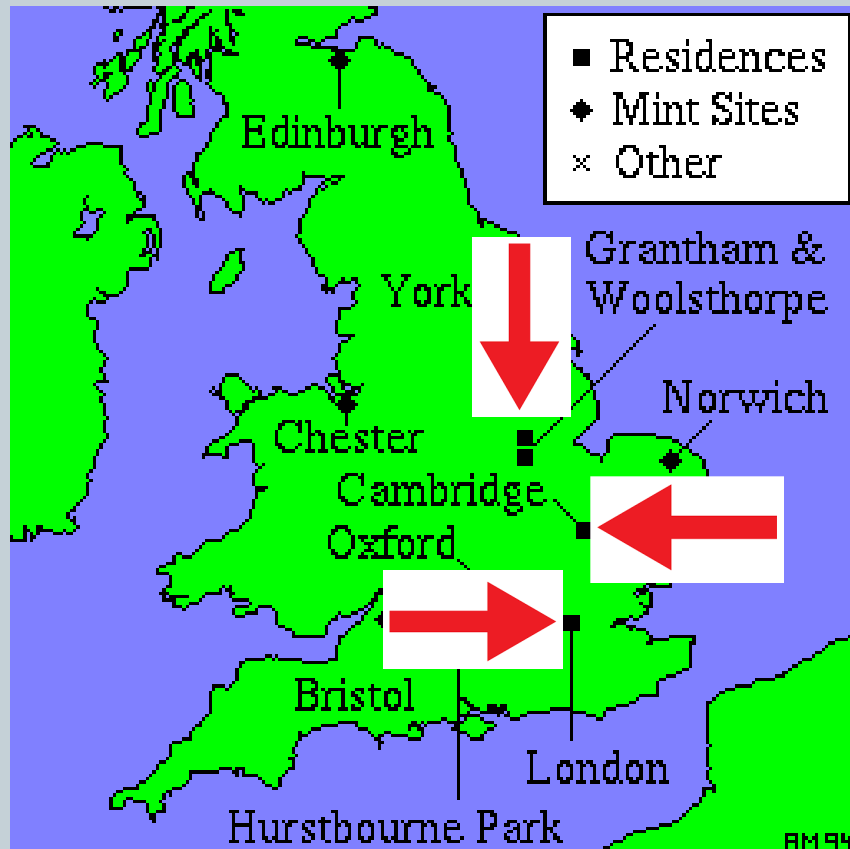
Newton's House in London.



Dr Patricia Fara
Clare College, Cambridge



Newton's life



1642-1661:
Woolsthorpe & Grantham

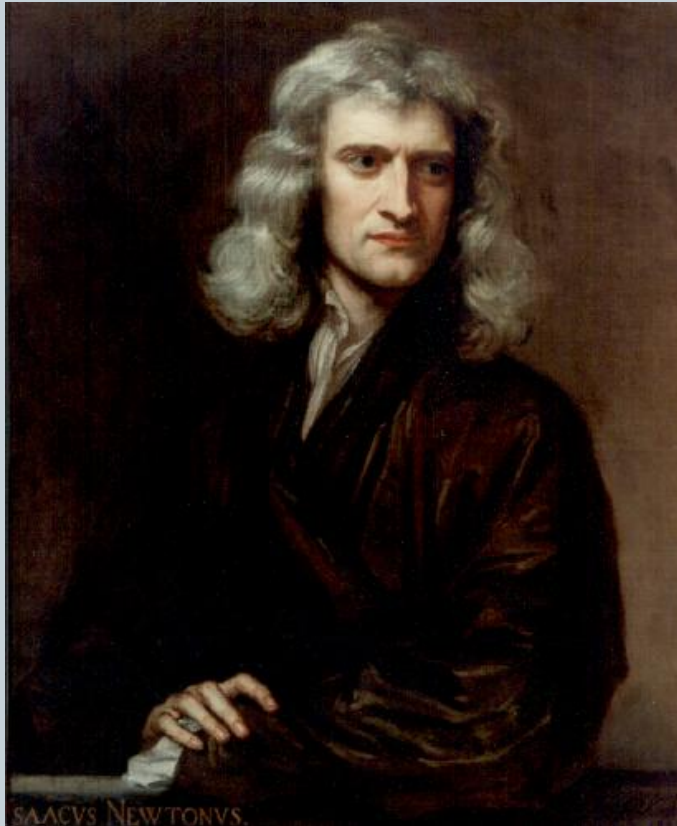
1661-1696
Trinity College Cambridge (2
interludes at Woolsthorpe
during plague)

1696-1727:
London (Royal Mint and
Royal Society)

Isaac Newton by Godfrey Kneller



1689



1702



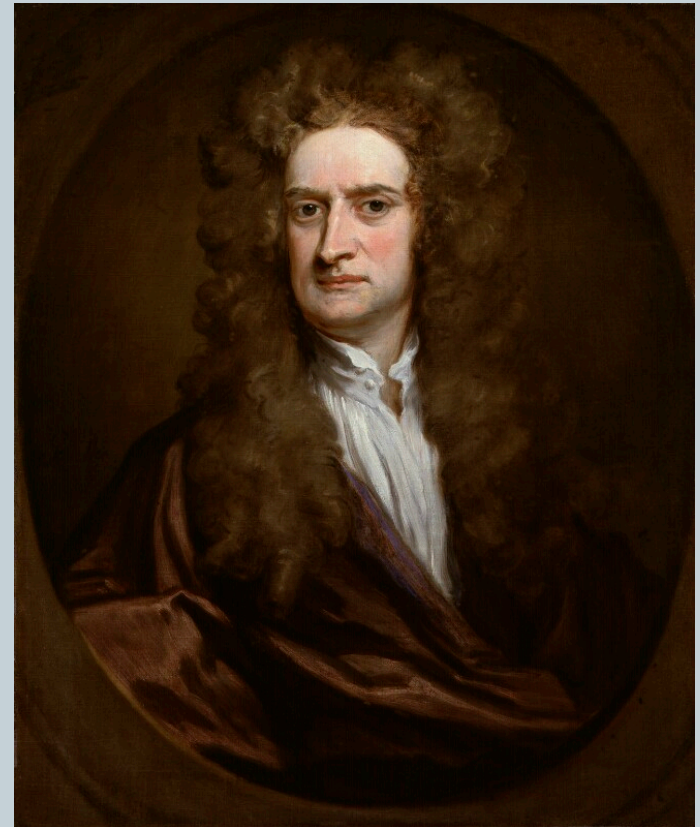
Isaac Newton by Godfrey Kneller



Victorian opinion

1702

‘affected representation of Newton the dandy...the prosperous man of the world, with a carriage and horses, and with three male and three female servants’



Tower of London



The Tower of London.

20/17/20 Paper 1/17

Francis Hauksbee airpump



[take it to my house so that...]

‘...I can get some philosophical persons to see his experiments, who will otherwise be difficultly got together’

Isaac Newton

Newton's study



SIR ISAAC NEWTON ROOM, BABSON INSTITUTE OF BUSINESS ADMINISTRATION
BABSON PARK (WELLESLEY), MASSACHUSETTS

WEALTH AT DEATH



Hans Sloane	Physician and collector	£100,000
David Garrick	Actor	£100,000
Isaac Newton	Master of the Royal Mint	£32,000
George Handel	Composer	£17,500
Robert Boyle	Chemist	£10,000
Alexander Pope	Poet	£5-6,000
Samuel Johnson	Writer	£2,300
John Flamsteed	Astronomer Royal	£2,000



David le Marchand



Joseph Addison

London...

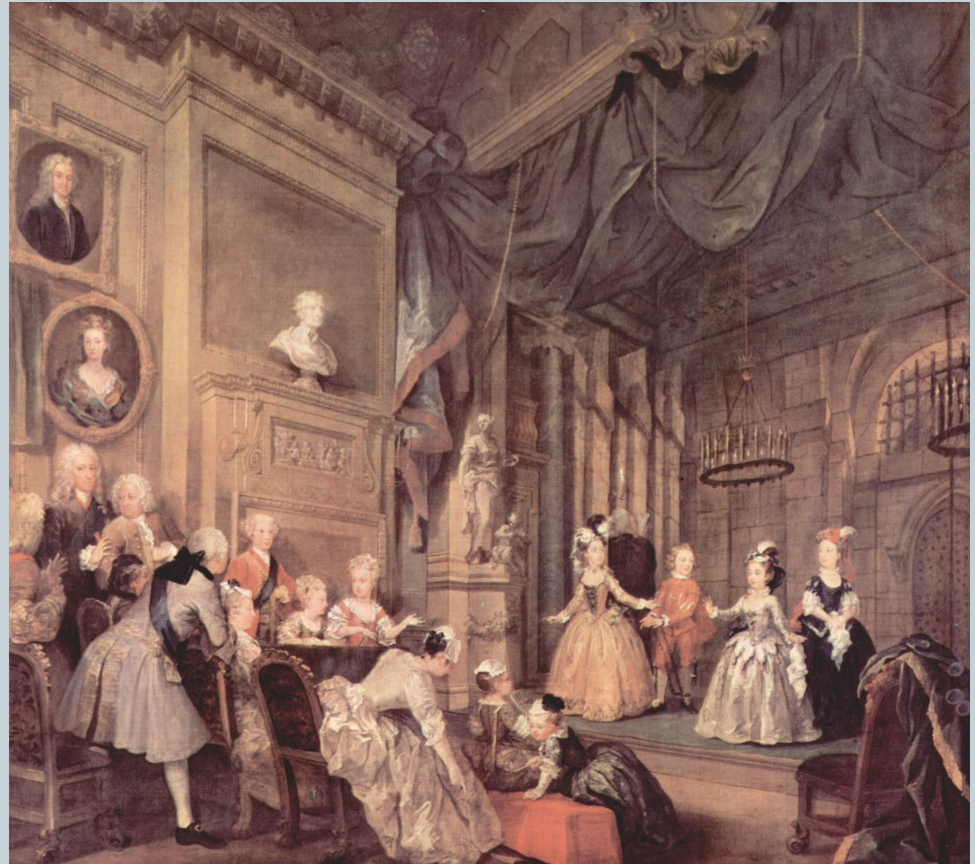
‘an emporium for the whole Earth...the single dress of a woman of quality is often a product of a hundred climates...the scarf is sent from the torrid zone...the brocade petticoat rises out of the mines of Peru and the diamond necklace out of the bowels of Indostan.’

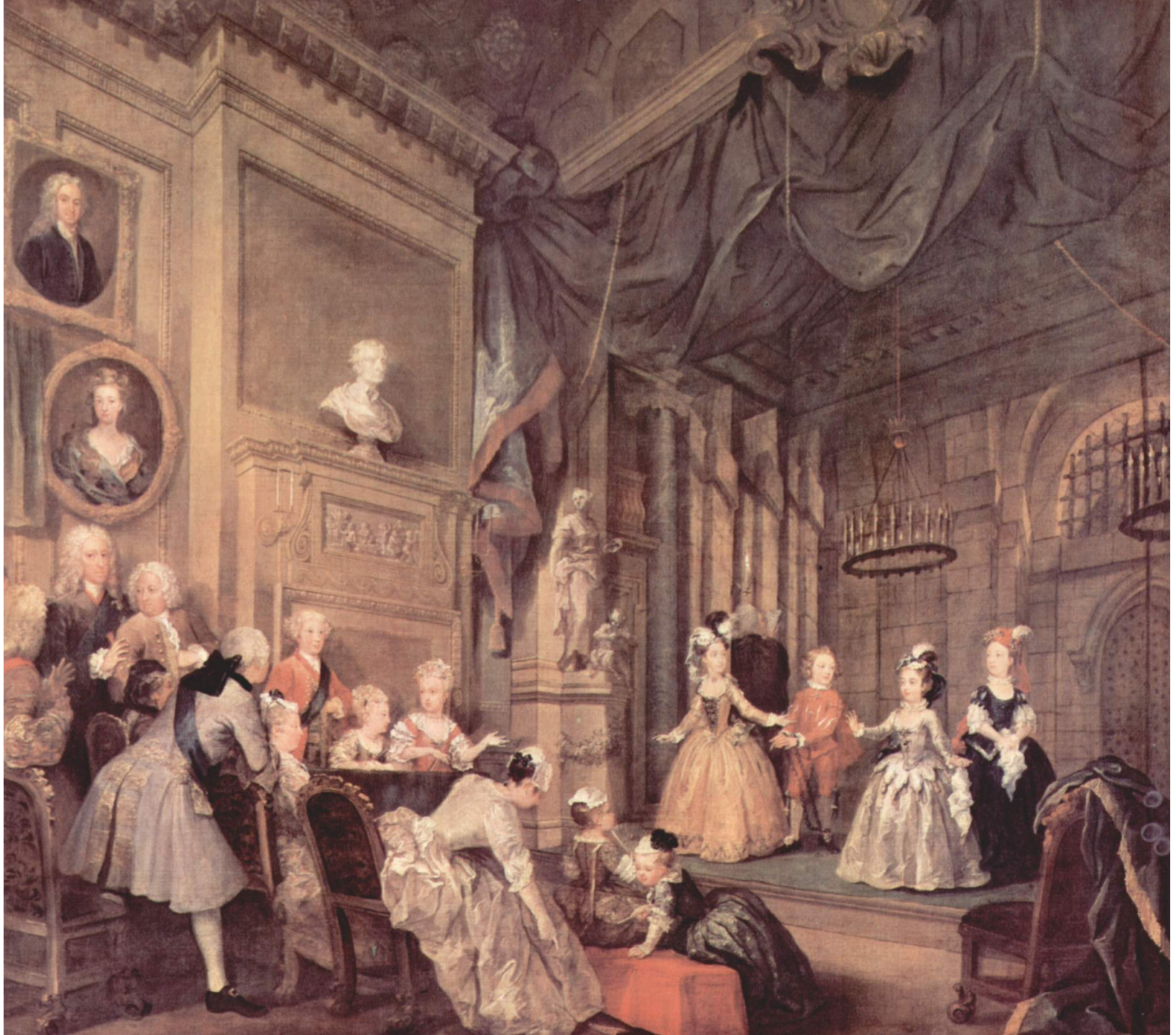


WILLIAM HOGARTH, 1732



*The Indian Emperor.
Or the Conquest
of Mexico. As performed
in the year 1731 in
Mr Conduitt's,
Master of the Mint,
before the Duke
of Cumberland &c.
Act 4, Scene 4, 1732.*

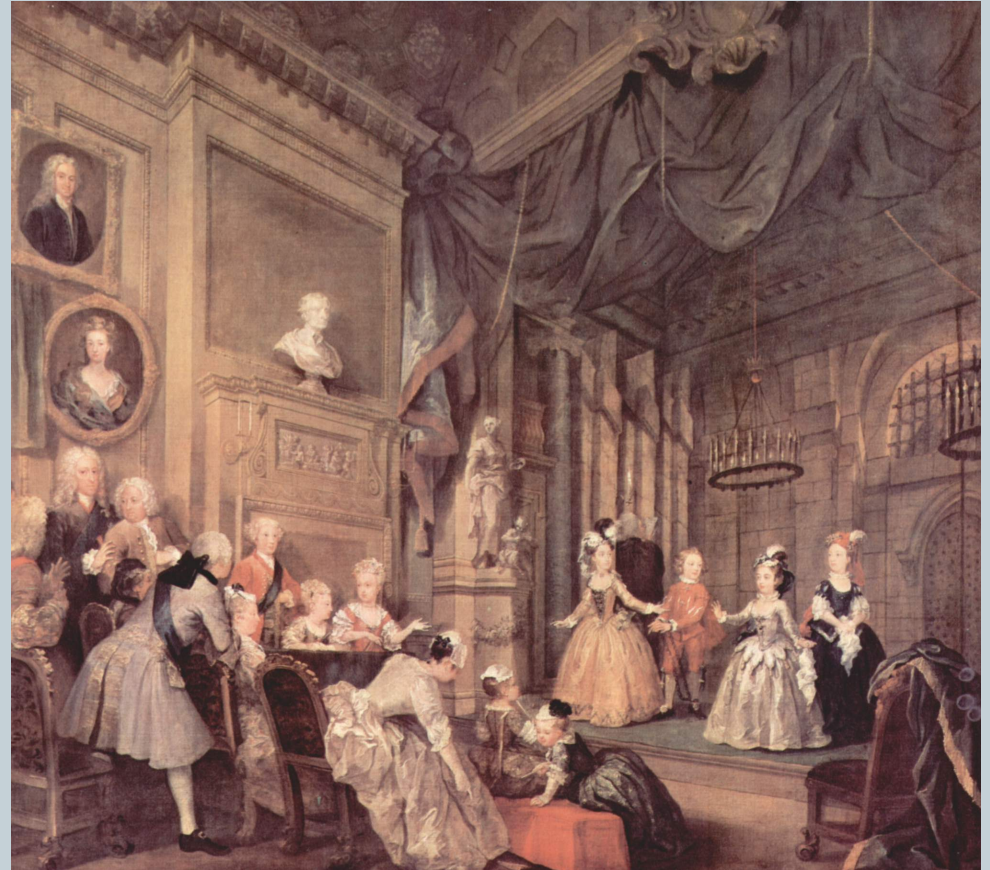




NEWTON'S LONDON CAREER



1. THE ROOM
2. THE AUDIENCE
3. THE STAGE



John Conduitt, 1737



John Conduitt

Westminster Abbey



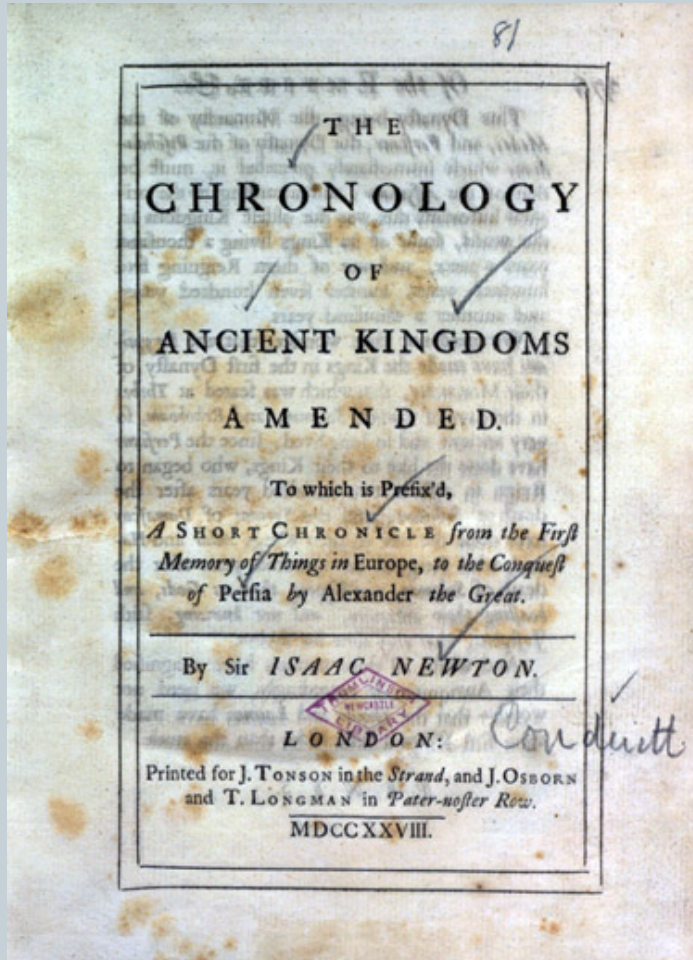
Isaac Newton

Lord Stanhope





Edward Gibbon



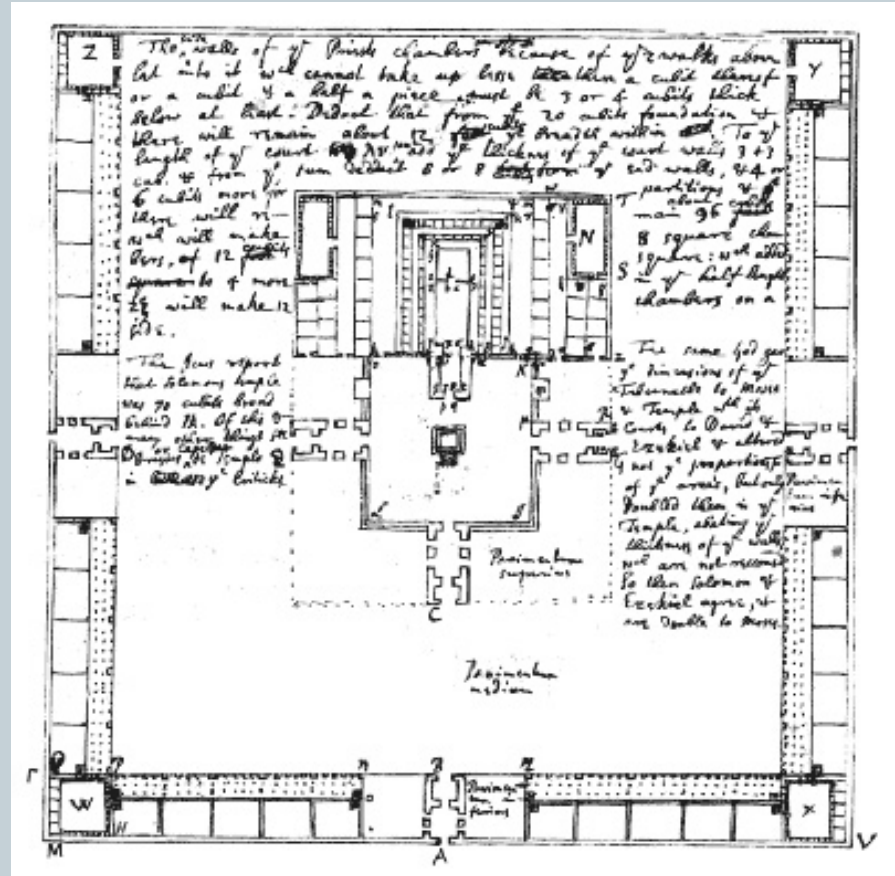
‘The name of Newton raises the image of a profound Genius, luminous and original. His System of Chronology would alone be sufficient to assure him immortality.’

Solomon's Temple



‘Temples were anciently contrived to represent the frame of the Universe as the true Temple of the great God.’

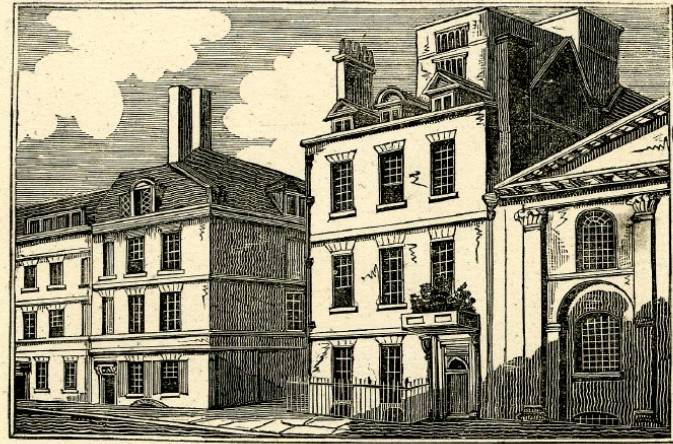
Isaac Newton



Catherine Barton



Newton's House in London.



The house in which our illustrious British mathematician resided, is still in perfect preservation in St. Martin's-street, Leicester-fields. He removed here from Haydon-square, where he took up his residence, on being appointed master of the Mint, on account of its vicinity to the Tower; but, becoming president of the Royal Society, and so truly eminent, he removed to the more fashionable and courtly residence of Leicester-fields. Here, therefore, he enjoyed his honours, and passed the late years of his life. It afterwards became an Italian coffee-house of celebrity; and, latterly, it has been converted into a national or parish school. About forty years since it was taken by a foreigner, who built a little observatory at the top, and then filled it with some old fashioned instruments, and some antiquated furniture, advertised the house, as on view, in the state in which it was left by Newton, and many visitors from the country and foreign parts were imposed upon, till the joke became too stale.

Catherine Barton



‘...Pray let me know by your next how your f[ace is] & if your fevour be going. Perhaps warm milk from y^e Cow may [help] to abate it.

I am

Your very loving Unkle,
Is. Newton’

August 1700

Catherine Barton



Earl of Halifax



Letter to Newton, March 1696

‘...the King has promised Me to make Mr. Newton Warden of the Mint, the office is the most proper for you ’tis the Chief Officer in the Mint, ’tis worth five or six hundred p An. ...Let me see you as soon as you come to Town, that I may carry you to kiss the King's hand.’



Earl of Halifax

1706:

Bequeathed £3000 and all his jewels to Barton.

1712:

£5000 plus two country estates and an annuity in recognition of

‘the great Esteem he had for her Wit and most exquisite Understanding.’



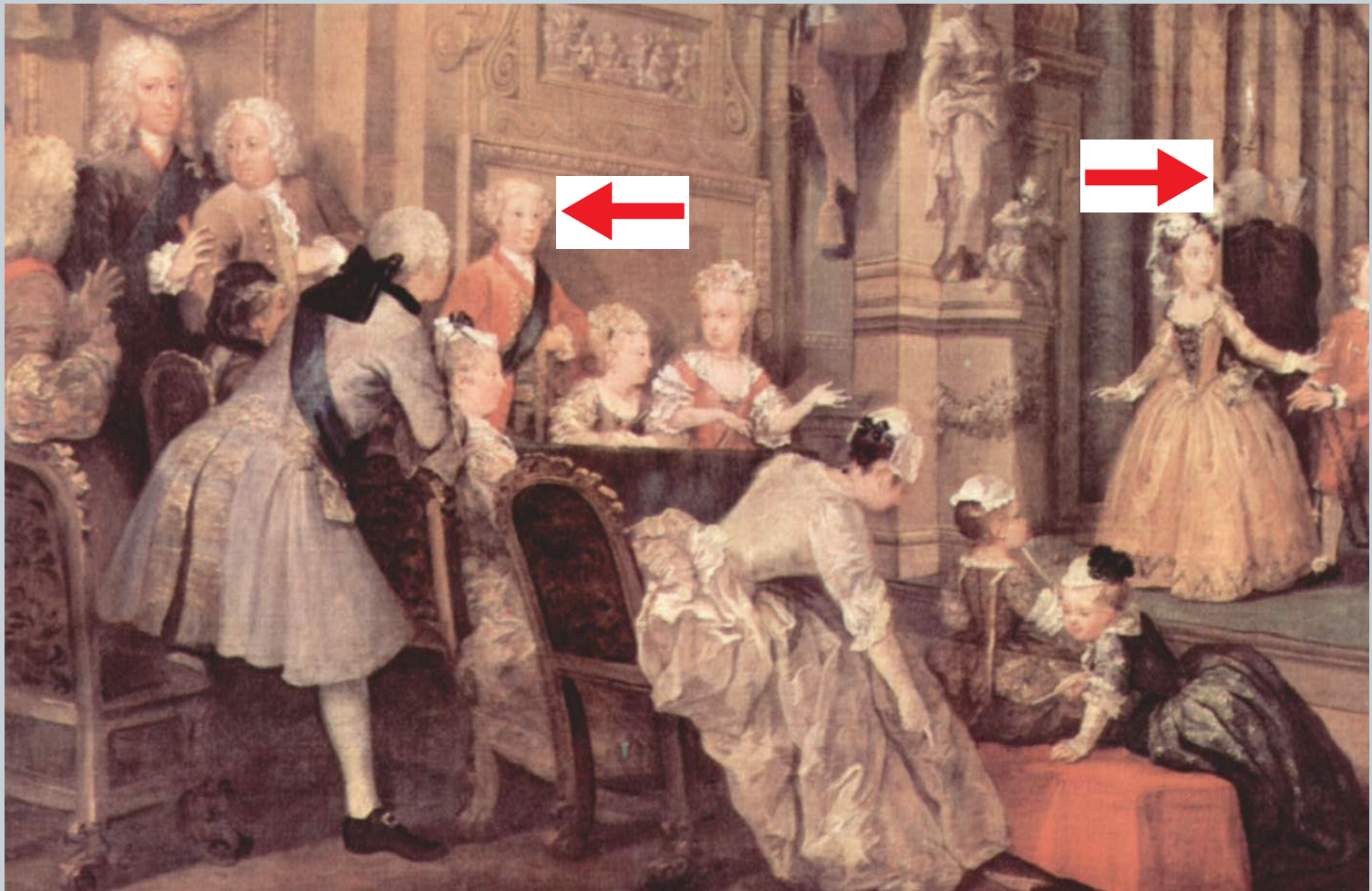
Cambridge, 1705



‘The Ways were all along
strowed with Flowers...the
Bells rung, and the
Conduits run with Wine.’



2. The Audience



Prince William



Princess/Queen Caroline



Grand Orrery



Queen's Gallery



Newton



Caroline



Leibniz



Caroline



Clarke



Caroline



A
Collection of P A P E R S,
Which passed between the late Learned
Mr. LEIBNITZ,
AND
Dr. CLARKE,
In the Years 1715 and 1716.
Relating to the
P R I N C I P L E S
O F
Natural Philosophy and Religion.
With an APPENDIX.

To which are added,
LETTERS to Dr. CLARKE concerning Liberty and
Necessity; From a Gentleman of the University of
Cambridge: With the Doctor's ANSWERS to them.

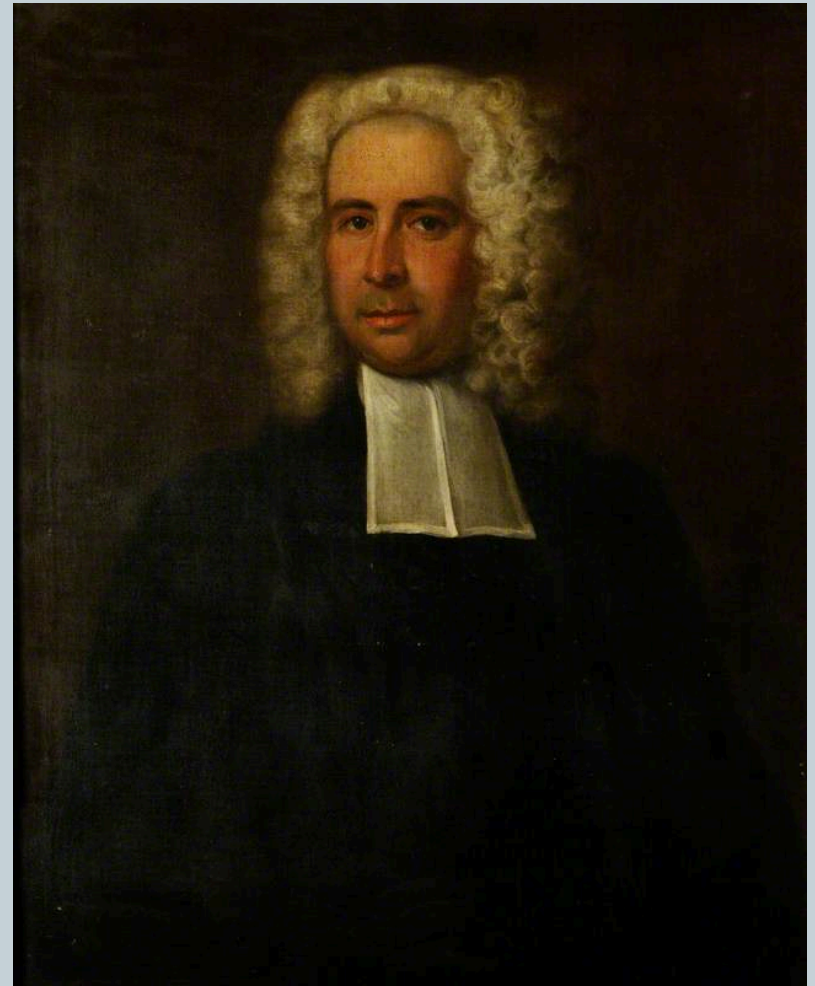
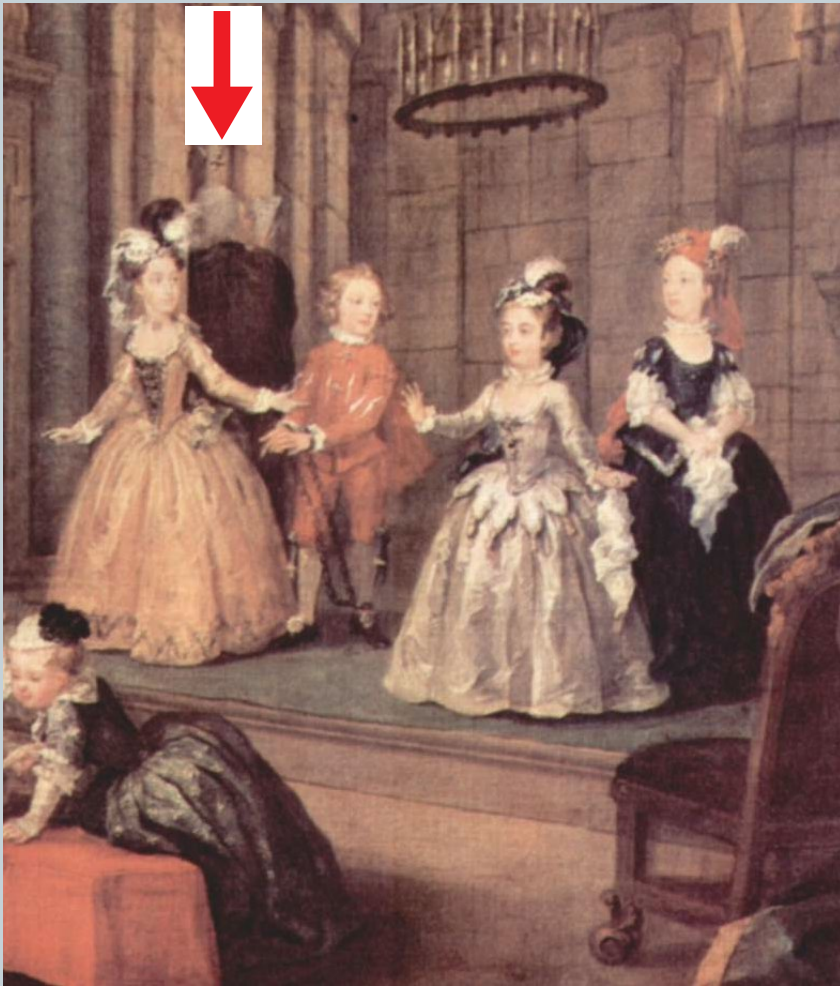
A L S O
REMARKS upon a Book, Entituled,
*A Philosophical Enquiry concerning Human
Liberty.*

By SAMUEL CLARKE, D. D.
Rector of St. James's Westminster.

LONDON: Printed for JAMES KNAPTON, at the
Crown in St. Paul's Church-Yard. MDCCXVII.



John Theophilus Desaguliers



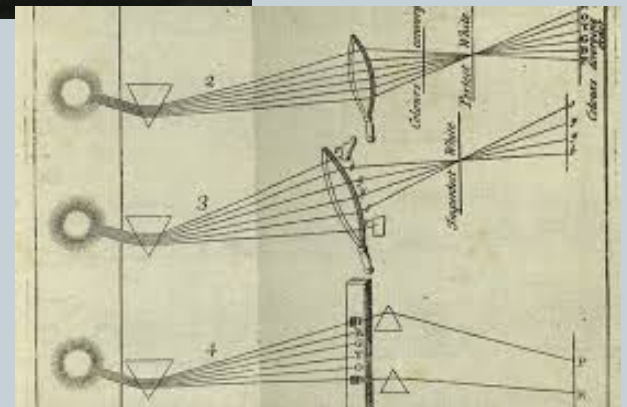
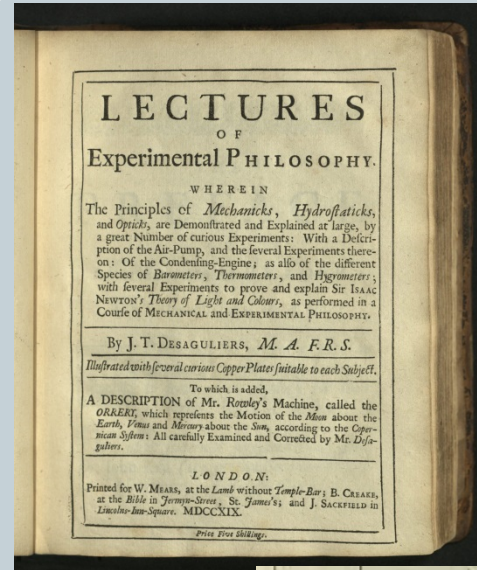
Westminster Bridge



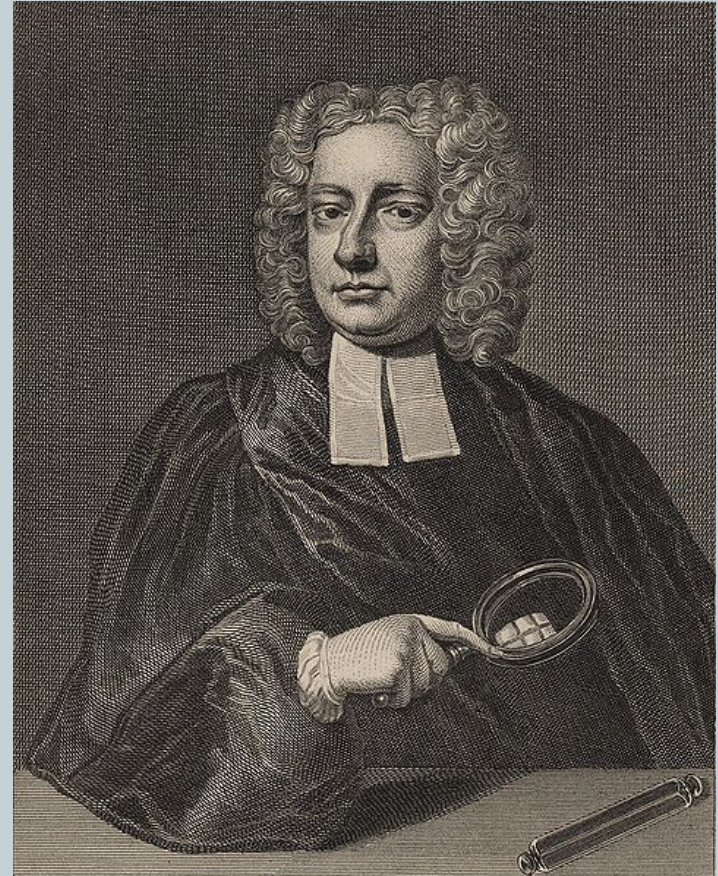
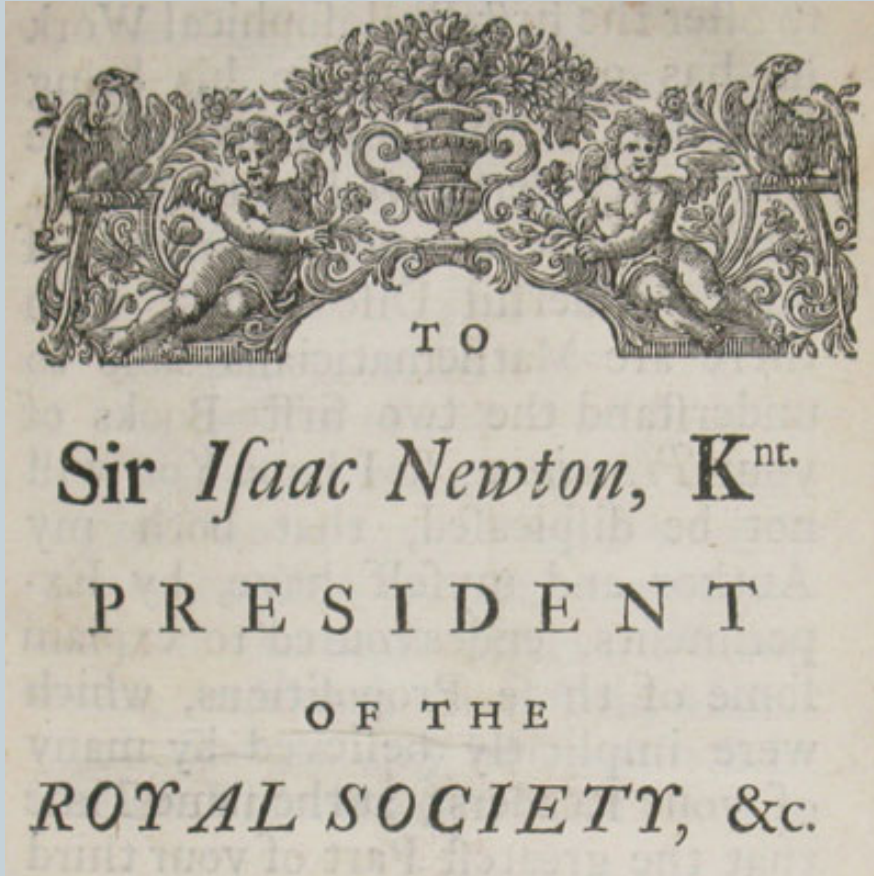
John Theophilus Desaguliers



John Theophilus Desaguliers



John Theophilus Desaguliers



English Freemasonry



THE
CONSTITUTIONS
OF THE
FREE-MASONS.

CONTAINING THE
History, Charges, Regulations, &c.
of that most Ancient and Right
Worshipful *FRATERNITY.*

For the Use of the **LODGES.**



L O N D O N:

Printed by WILLIAM HUNTER, for JOHN SENEX at the *Globe*,
and JOHN HOOKE at the *Flower-de-luce* over-against *St. Dunstons*'
Church, in *Fleet-street*.

In the Year of Mafonry — 5723
Anno Domini — — 1723

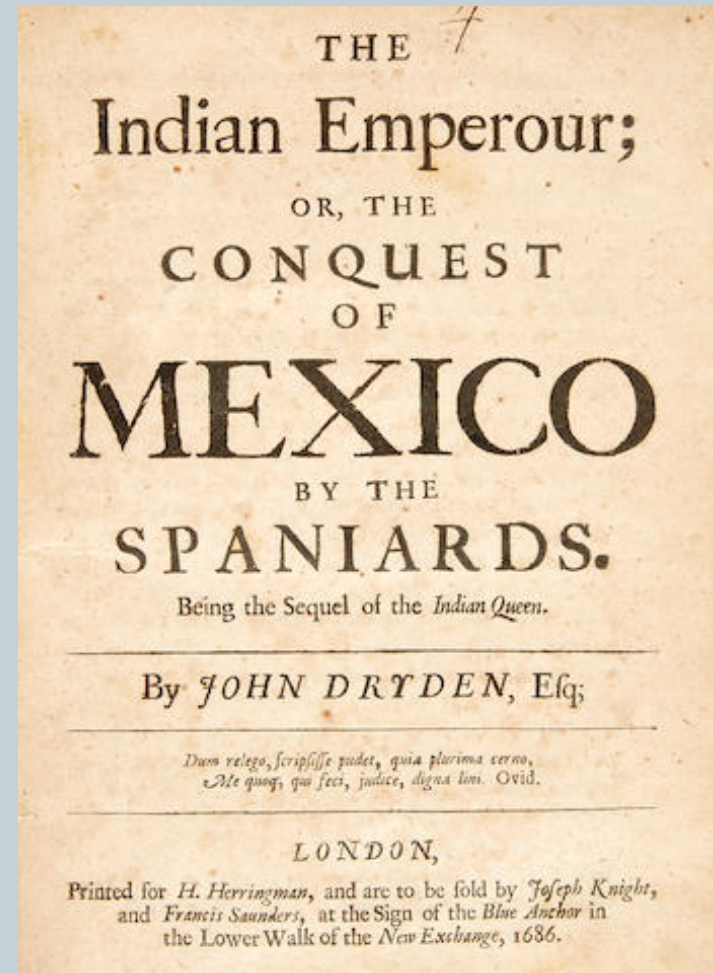
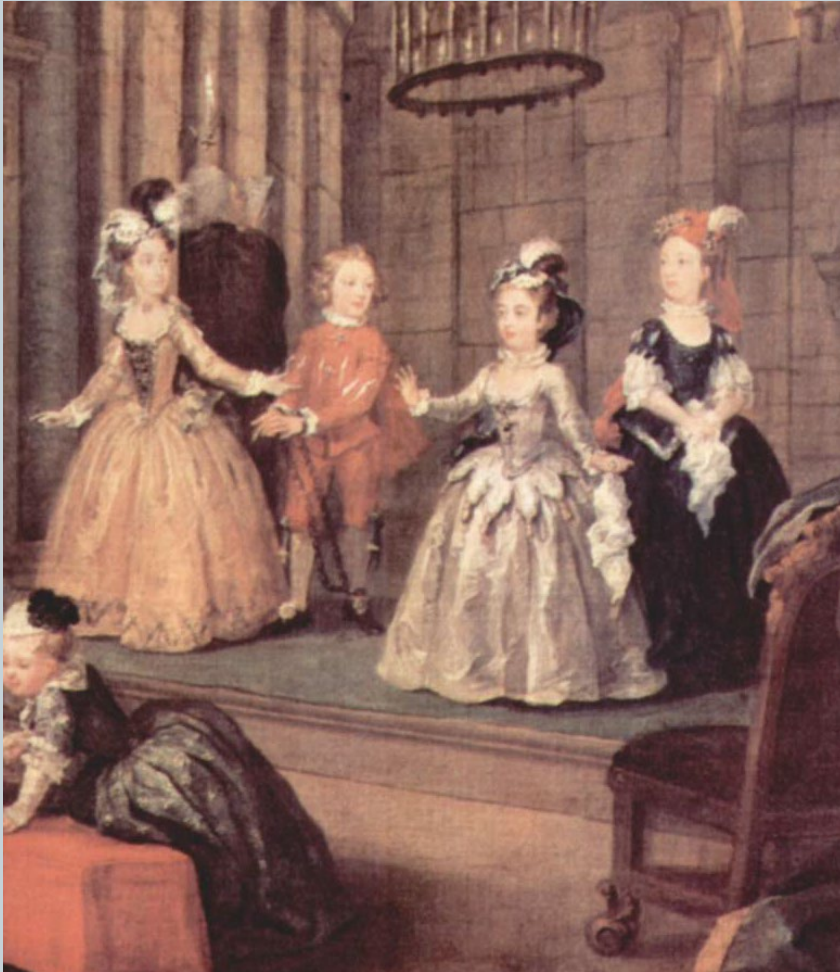
268. a 31

GRAND LODGE

Goose & Gridiron Alehouse
St Paul's Churchyard



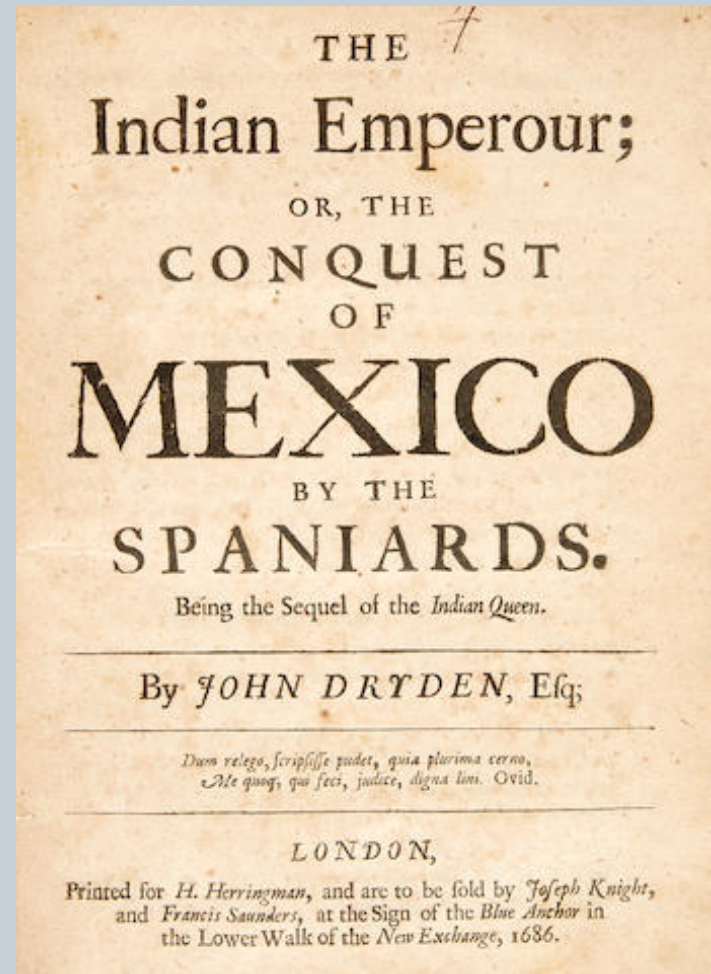
3. THE STAGE



Act I, scene 1

*'Methinks, we walk in
dreams on fairy Land,
Where golden Ore lies mixt
with common sand...'*

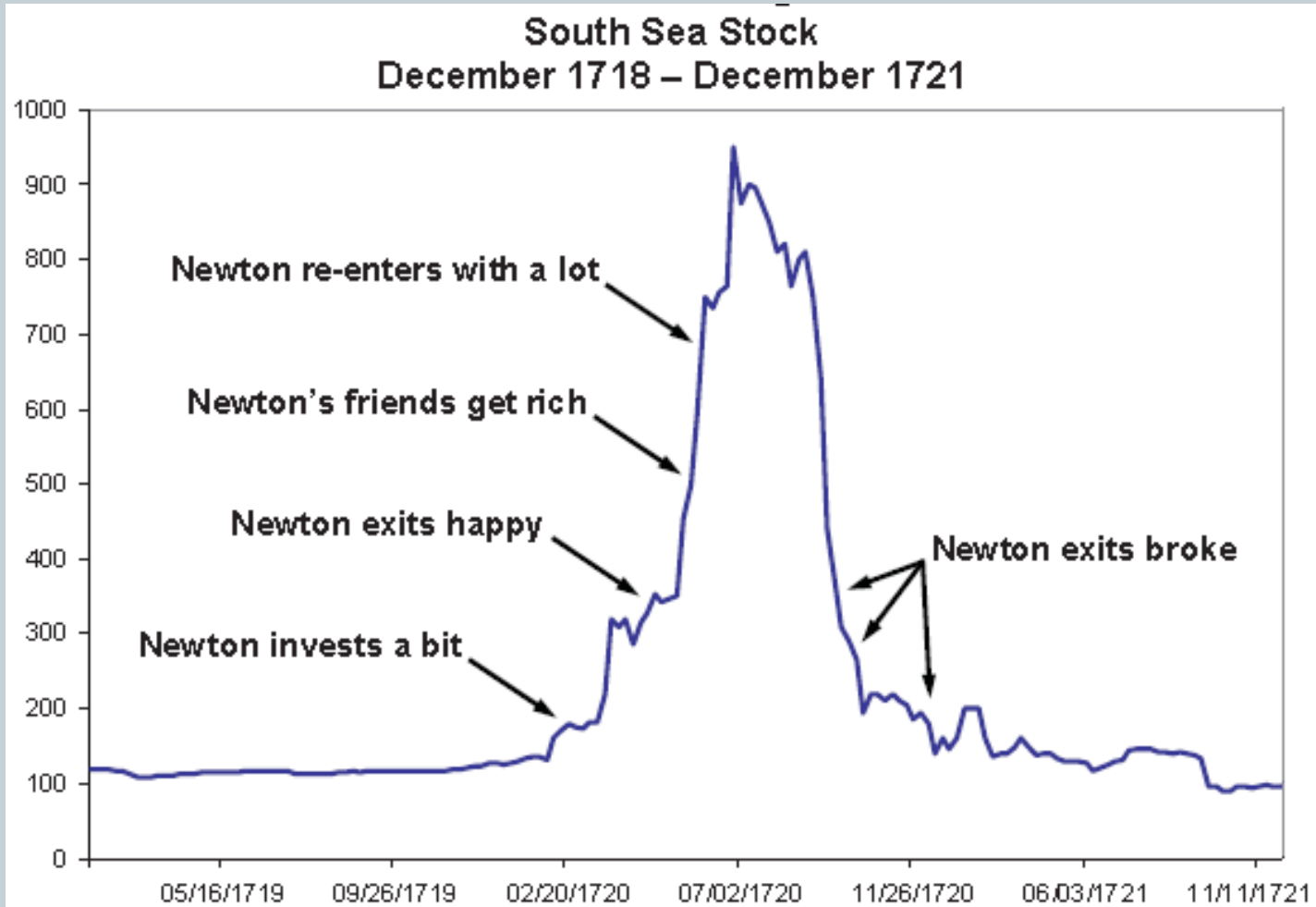
*Heaven from all ages
wisely did provide
This wealth, and for the
bravest Nation hide...'*



South Sea Company

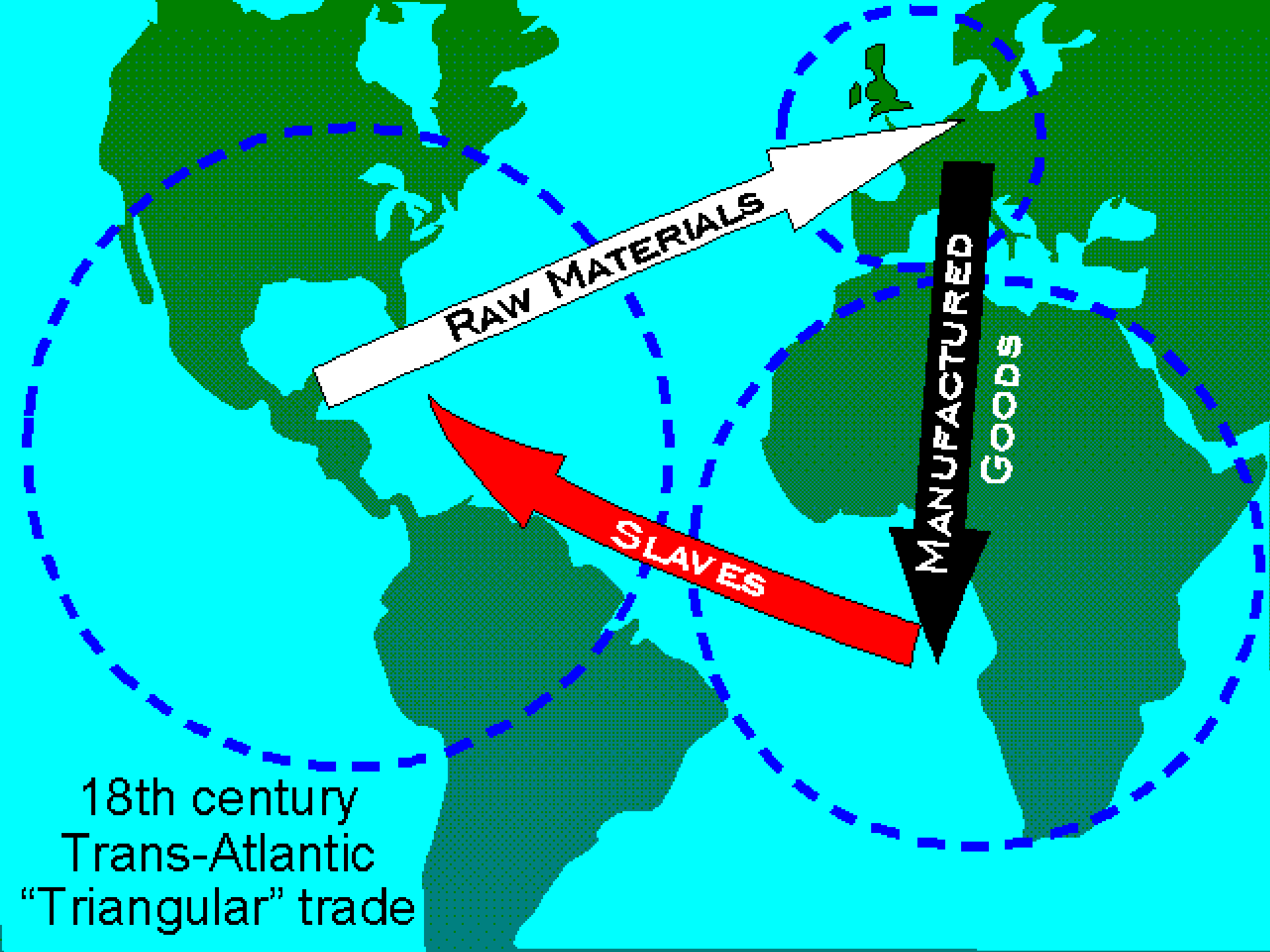


South Sea Bubble



1729 map of West Africa



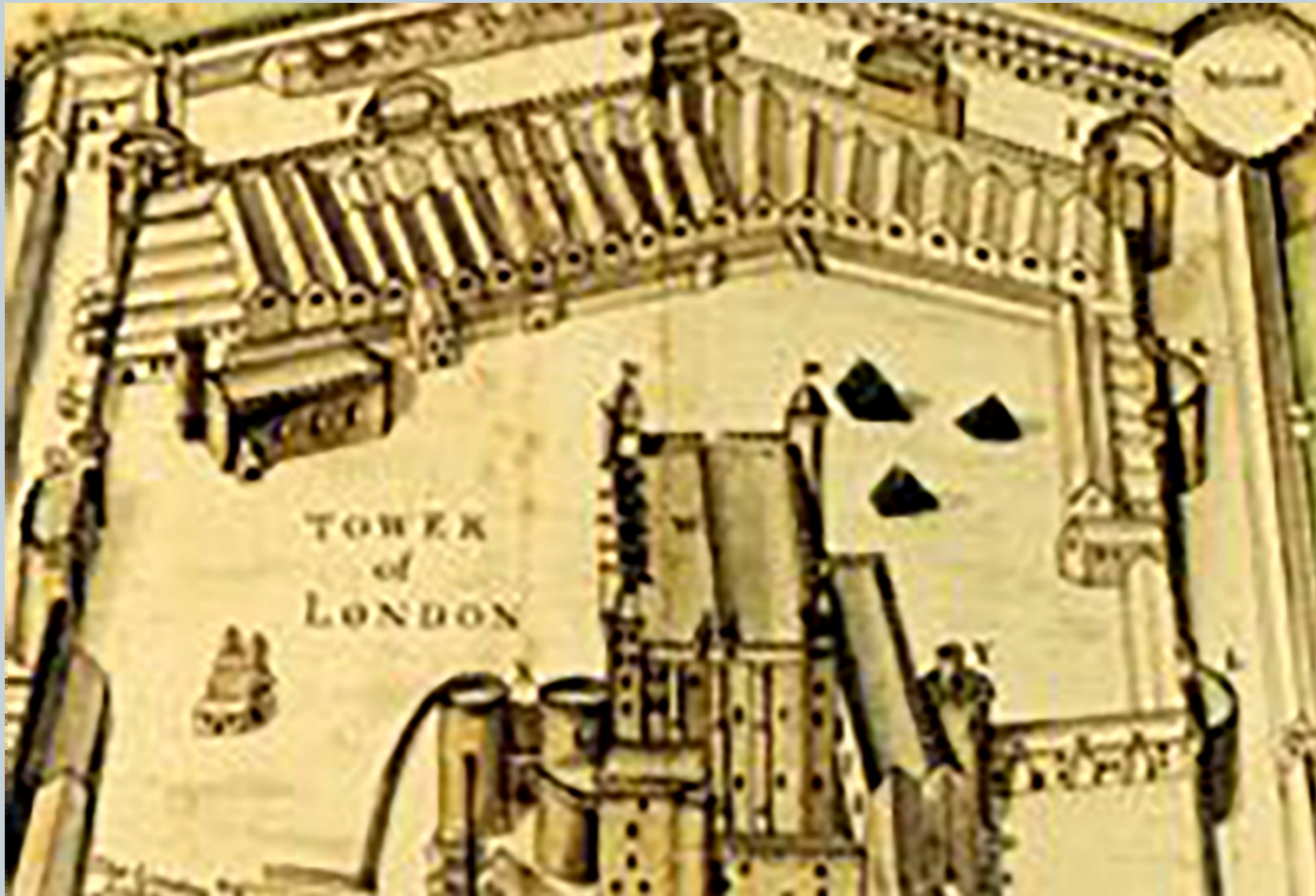


18th century
Trans-Atlantic
"Triangular" trade

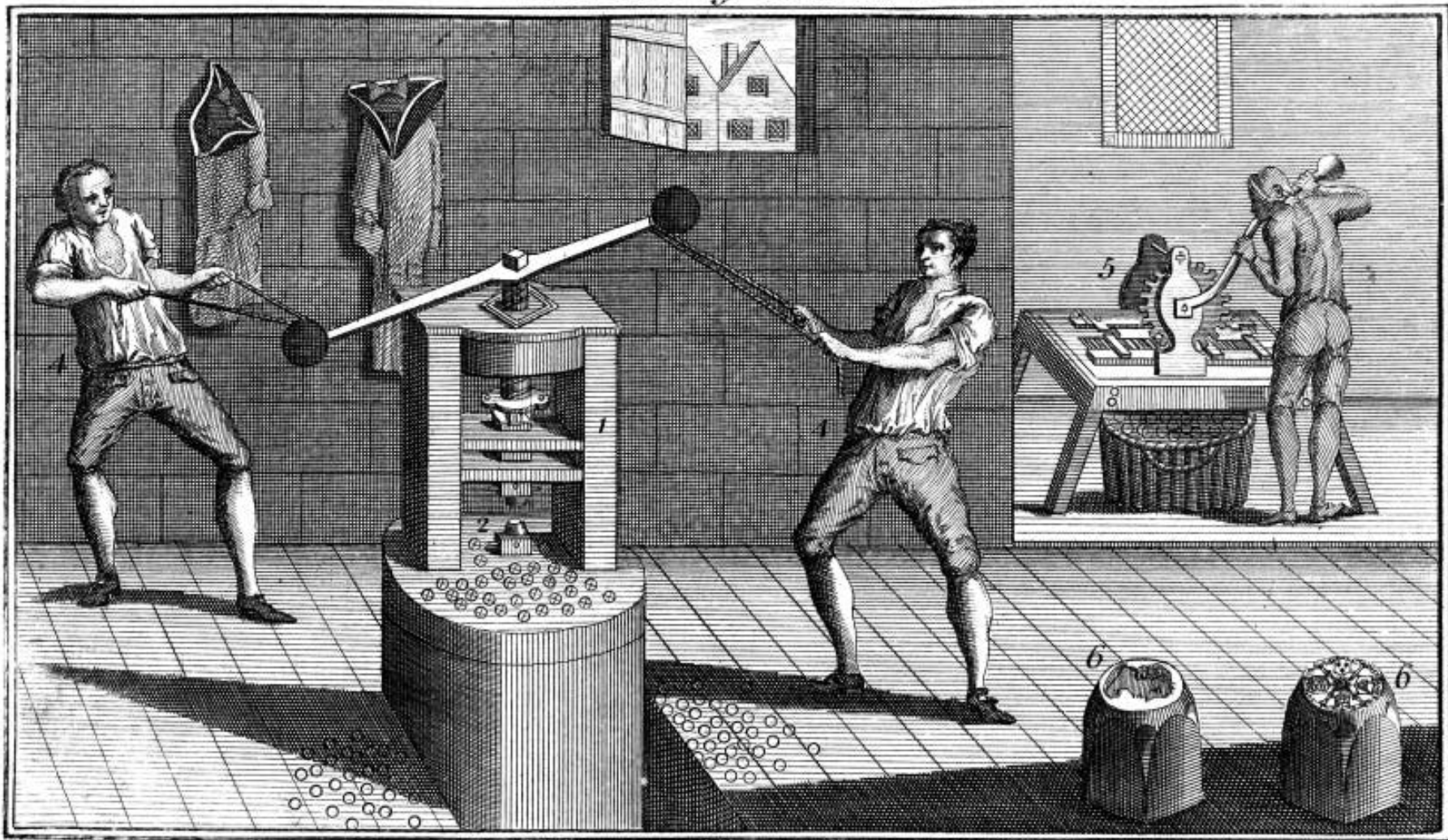
English guinea



Royal Mint



The ART of COINING.



Engraved for the Universal Magazine 1750 for J. Hinton at the Kings Arms in S. Pauls Church Yard London.

Caption: Minting coins: 6,6 at bottom right are dies that would be put in press, 1, in which coins stamped out. From The Universal Magazine (London 1750). Copperplate engraving. Credit: World History Archive / TopFoto

1696 recoinage



Newgate prison

‘a Rogue and if ever King James came again he would shoot him and the s^d Ball made answer God dam my blood so will I and tho I don't know him yet Ile find him out.’



The Trial of the Pyx



The Trial of the Pyx

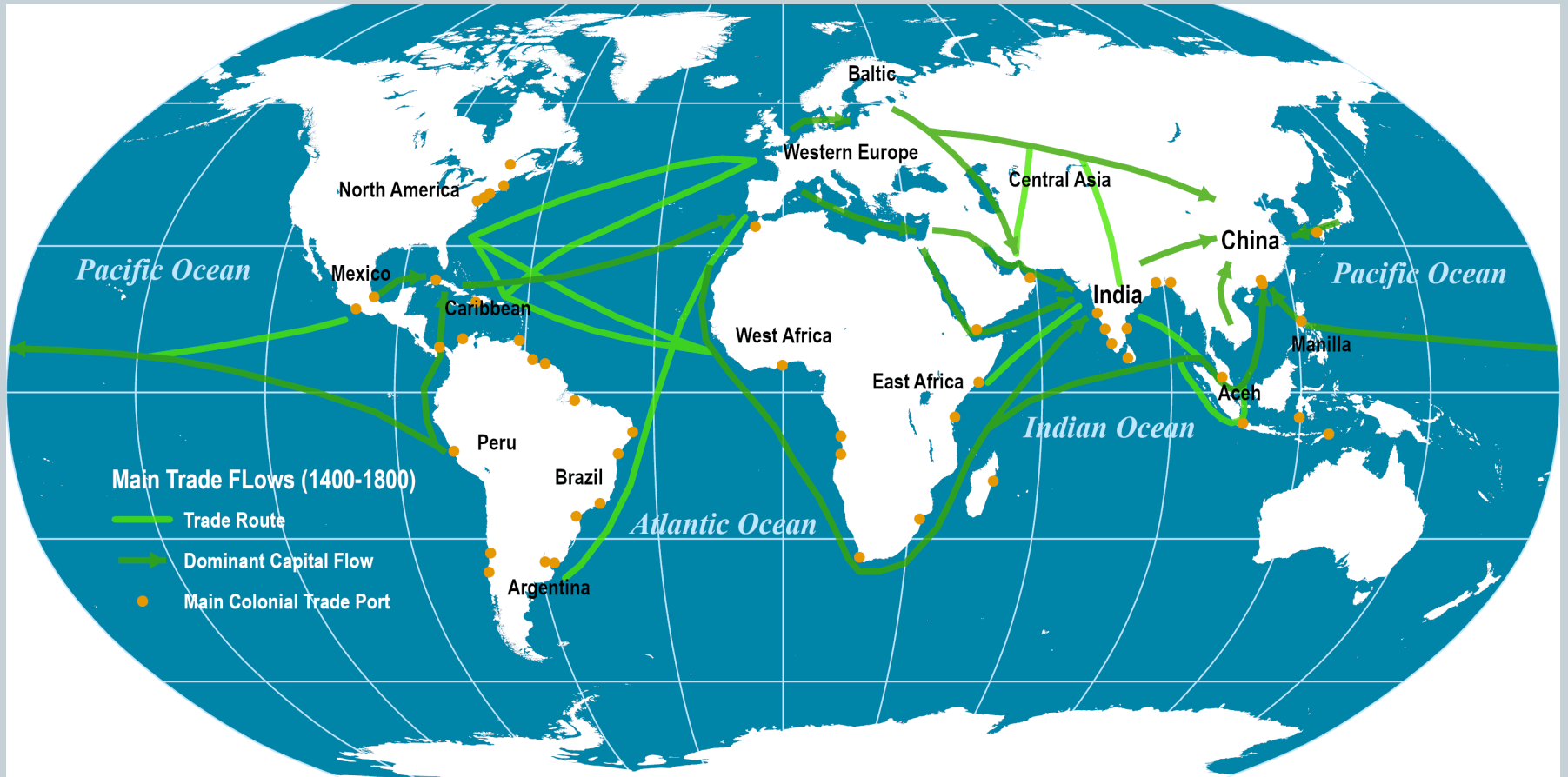
‘If this aqua fortis be poured off & fresh aqua fortis be poured on...And a third water will leave it still finer, & a fourth still finer. But Assaymasters & Refiners proceed no further then to two waters.’



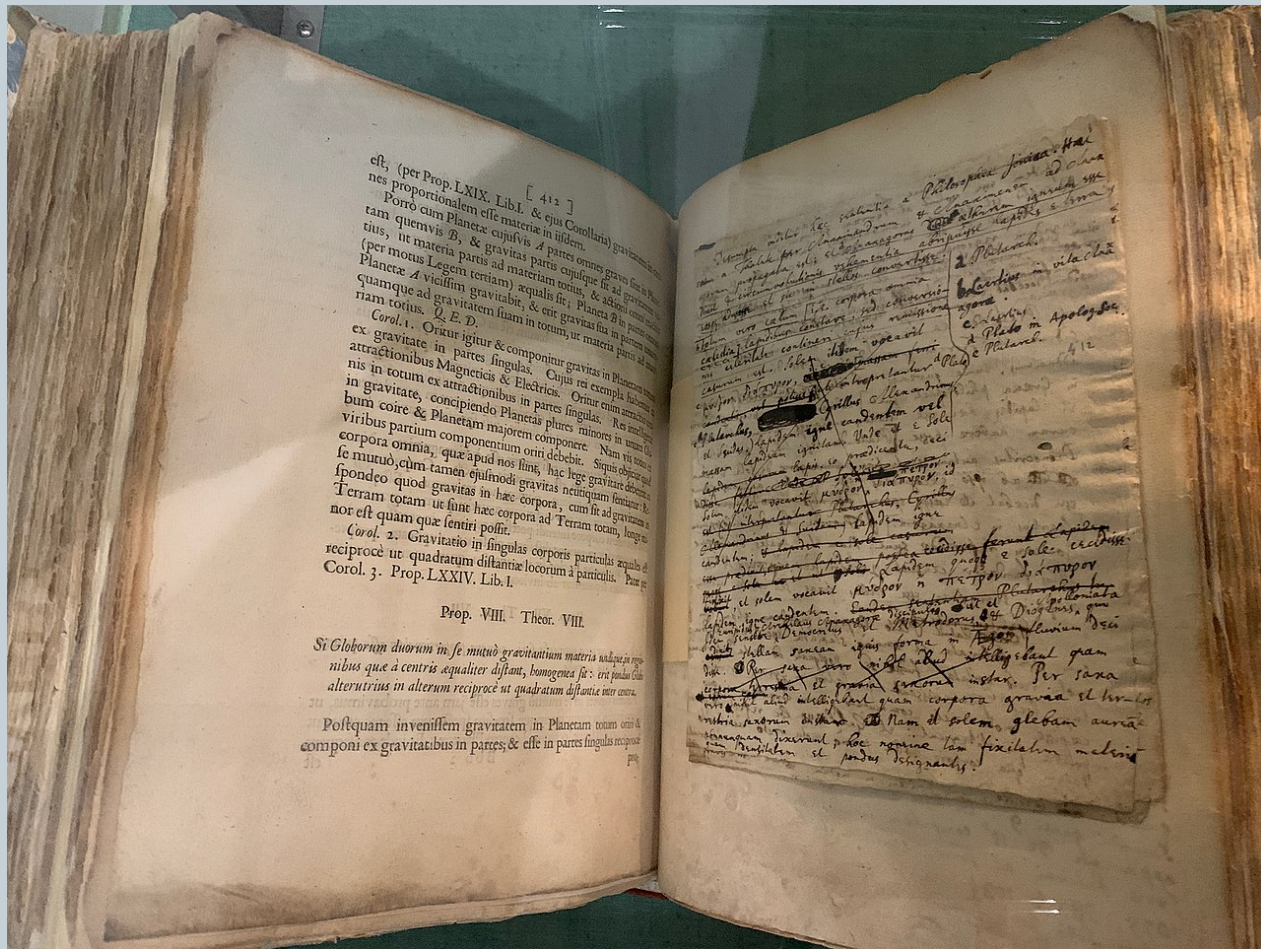
Modern illegal mining in Ghana



Major trade routes



Newton revises the *Principia*



est, (per Prop. LXIX. Lib. I. & ejus Corollaria) gravitatio
nes proportionalem esse materia in solum.
[412]
Porro cum Planetæ ejusdem A partes omnes grava sint in Pla
tam quævis B , & gravitas partis ejusque sit ad gravitatem
tius, ut materia partis ad materiam totam, & ad hæc commensu
(per motus Legem tertiam) æqualis sit; Planetæ B in parte
Planeta A vicissim gravitabit, & erit gravitas sua in parte
quamque ad gravitatem totam, & erit gravitas sua in parte
riam totius. Q. E. D.

Corol. 1. Oritur igitur & componitur gravitas in Planetis
ex gravitate in partes singulas. Cujus rei exempla habentur
attractionibus Magneticis & Electricis. Oritur enim attractio
nis in totum ex attractionibus in partes singulas. Res enim
in gravitate, concipiendo Planetas plures minores in unum
bum coire & Planetam majorem componere in unum. Res
viribus partium componentium oriri debet. Nam si tota
corpora omnia, quæ apud nos sunt, hac lege gravitate
se mutuo, cum tamen ejusmodi gravitas neutiquam sentiantur
fpondeo quod gravitas in hæc corpora, cum sit ad gravitatem
Terram totam ut sunt hæc corpora ad Terram totam, longe
nor est quam quæ sentiri possit.

Corol. 2. Gravitatio in singulis corporis particulis æqualis
reciprocè ut quadratum distantia locorum à particulis. Pars
Corol. 3. Prop. LXXIV. Lib. I.

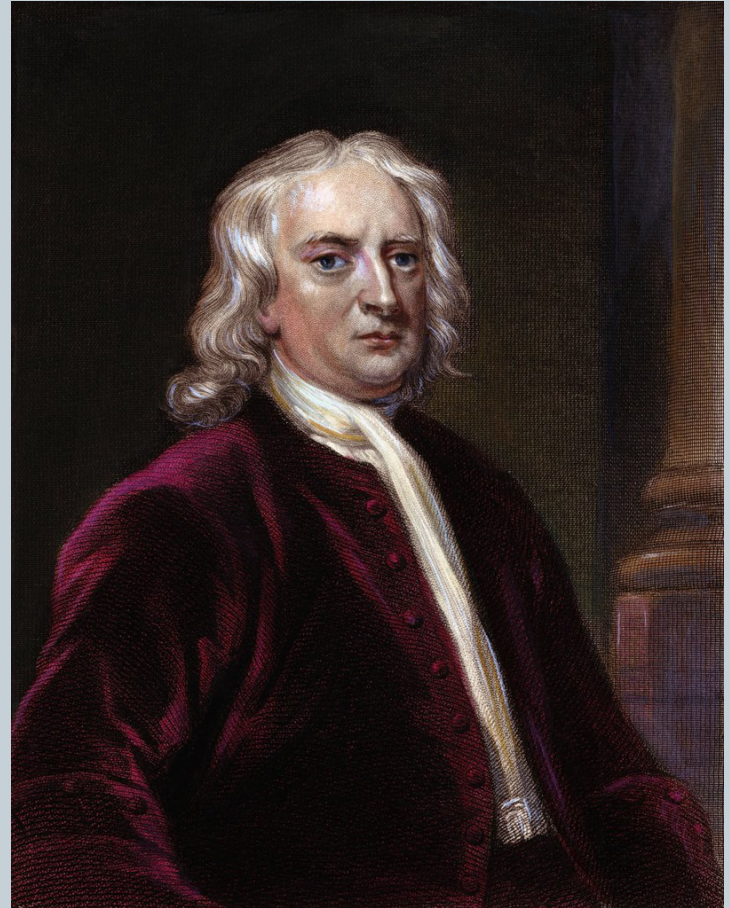
Prop. VIII. Theor. VIII.

Si Globorum duorum in se mutuo gravitantium materiae æquæ per
mbus quæ à centrâ equaliter distant, homogeneæ sit: erit pondus
alterutrius in alteram reciprocè ut quadratum distantiae alteri centri.

Postquam invenissem gravitatem in Planetam totam esse
componi ex gravitatibus in partes & esse in partes singulas reciprocè

Handwritten notes in Latin, likely a revision or commentary on the printed text. The text is dense and includes various corrections and additional remarks. Some words are underlined or crossed out. The notes appear to be a working draft or a final revision of the manuscript.

Remembering Isaac Newton



Remembering Isaac Newton

‘by all those who have seen him of late, as I did, bending so much under the Load of Years as that with some difficulty he mounted the Stairs of the [Royal] Society’s room. That Youthful Representation will I fear be considered rather as an object of Ridicule than Respect, & much sooner raise Pity than Esteem.’

James Logan

