

Journal

W. B. Smith

October

1794

Rowley C<sup>h</sup> Church  
Oct<sup>12</sup> 1795  
Introduced to J. Outh-

do. Thome's

Monday entered my

room - Dined at Mr  
F.' - got the chests from  
on board the packet  
large sheet Mr. Watson's  
cylinder broken -

Tuesday - Dined with  
Mr. Humphreys - Messrs  
Colebrook's surveyor sent

Blunt - gold ring  
Provision - two other  
sent - sheet of paper  
Large reflecting telescope  
unknown also - one with  
the eye pipe -  
Cylinders to be sent my brother

- China - &c -

- Wednesday -

The vessel arrived on

Monday - Large number

of the crew present, large

fleet broken -

Dined at Mr. Colwell's

Mrs. C. - her sister Miss

Atkinson - Miss Lofly

and Miss two

new Ladies - Large

company -

- Thursday - Dined at

Mr. Morris -

Mr. Hensley - Mr. Morris

and ~~two~~ three others

The Doctor -

Friday 10 -

Mr. Deane -

for the first time

Prudence has the

system - simple

of making notes -

perhaps no longer

in the system -

the number of

towns -

to change the

in the system

to be -

to be -

Saturday 11

Employed in' passing  
the coffee cakes —  
Dined at Mr. Kears  
Mr. Fergusson and  
Holland — The former  
to accompany me  
to Mr. Shaker's house  
the latter to make  
me some punch —

— Doctor Webber thinks  
will live several weeks  
after its head is cut  
off — + the dog does a  
crab burn and when  
boiled? —

+ culentha the land about  
it is level the stones are  
will never answer for the  
cultivation of tea  
+ A Mundoo will not touch  
a glass or any vessel out  
of which Europeans either  
eat or drink —

Calcutta - Sunday 12<sup>Oct</sup>  
Ther. at 11<sup>00</sup> viz  
visited Col. Murray the  
Col. not at home -  
saw Mr. Murray - Mr  
Whitford - Johnson - Ad-  
disc - &c - Dined with  
Dr. Dick - Mr. Swinton  
argument on the Chinese  
w/boy - English Merchant  
- on his word -



Monday 13<sup>th</sup> Oct. 1794  
Ther. at sun rise -  
got the remainder of the cattle  
from on board the packet -  
everything all safe -  
Dined with Mr D., Mr  
Wollan and Aunt Crawford -  
- Mathematics - Different  
generous for poetry and Math  
- This morn: received a letter  
signed Maria Cobb with  
enclosed certificates of Dismissal  
- returned them, suspecting  
she was an imposture

Tuesday 14 Oct<sup>r</sup>. 1794  
- This morn<sup>g</sup> at 7 set out  
with Mr Addison for the  
boat where Mr. Shakerpe  
attended to carry us to the  
Major's Dyot's Garden -  
- Inspected - Sir Ch-  
- blent Mr Dent his son  
in Law - Mr Addison Mr  
Shakerpe - walk in the  
Garden - several scarce  
plants - Chinese plants -  
Apparatus - Air Pump  
and Menstruarius -  
- arrived in town at 12 -  
- visit Mr Michi -  
Dent at Mr D. Dent's  
Lyd - Arnica found in

Plenty in this country -  
The Natives poison their  
Darts and arrows with the  
root of the plant Cut-Tree  
commonly called jans which  
signifies poison - In the  
rainy season this plant  
which grows on the banks  
of the river is washed into  
the river and occasions many  
diseases which are frequent  
during the rainy season!!  
A painter attempted to draw  
this plant laid on the  
table rendered shapeless &c.  
The Natives have long made  
use of arsenic and  
wrought into pills by the juice  
of the betel leaf for the

case of the Leprosy.  
- Stings of ~~the~~ Scorpions  
not fatal - Of the Cobra  
Caspella very seldom  
- poison must affect the  
Nervous System - The  
Natural Disorder Amule  
by simply melting it &  
pouring it into the oil  
to make a Ointment -  
Hydrocele is extremely com-  
mon - In every case of  
Hydrocele the Testicle may  
be felt in the lower part  
of the Scrotum - The  
Patient who are very subject  
to this Disease will seldom  
submit to the radical cure -

Mint - + It has been  
found that stirring and  
mixing indigo in the ma-  
nufacture of that dye has  
proved a cure for the Hydro-  
cele - you would it not  
be worth while trying  
the application of a solu-  
tion of indigo to the Testicle  
in Hydrocele - There is  
a bank in this country which  
is equal and in some cases  
superior to the Peruvian  
-Borer is used as a Medicine  
in Europe for female ob-  
structions - It is found  
in particular parts of the  
country after the rains have

evaporated, it is brought  
down in jars close covered  
- The Cut-Tree is as good  
a flux as Cocoa and  
used by the Natives as  
such - Company give  
no encouragement -  
- Serpents stone - Natives  
use for the bites of vario-  
rous animals by oil -  
- Cocoa nut oil fine Lamp  
oil - Poppy seed oil good  
for venereal - Glycerine -  
cut machines will not  
cut during the rainy  
season - Doctor has found  
Electricity of great use in

deafness - Natives have  
many remedies in this  
country which might be  
introduced with great ad-  
vantage in the European  
practice -

By Calendar 1794  
Wed: 15 Oct

Sun rise 7<sup>h</sup> 30<sup>m</sup> -

rain - Thunder and lightning

- Oct: from Mr Black -

visit from Mr

Thos. Tucker, who will  
send me men to clean

the instruments -

Conferred with Mr Bell

of the board of trade

Mr Bell - Mr. Fenby

and others to dinner -

- drank coffee at Dr

Quaker - learned that

Maria Cobb was an ar

gent importure -



Dr. Deak's Electric  
Machine is a very large  
than mine, caps loose

Thurs 16 Oct. 1794

Sun rise Thur. 70°

— Breakfasted at O. Ayndi —

— went to see the mint —

— Moulds of iron for casting  
ingott placed perpendicular

one half falls down by a

hinge — ~~Cross~~ Bar across

the front with three screws

to make it fast to prevent

the metal getting out —

— cutting the bars into gold

Mohurs half and quarter —

weighed, — if too light a

notch is struck in the middle

into which a wedge is

drawn — it is then put in

to the fire and brought to

a red heat hardly discernible

in Day light - but seen when  
held in the shadow of the hat  
In this state it is welded  
+ given is it known in Europe  
that Gold will weld in so low  
a heat? -

The piece is then with two  
or three strokes beaten into  
an almost cube and with  
two or three more into almost  
a perfect circle - This part of  
process extremely ingenious  
The Anvil is a piece of iron  
about  $1\frac{1}{2}$  inch in  $\text{D}^{\text{th}}$  fixed  
in a block of stone on the  
floor - This process serves  
the purpose of Lamination  
and renders the use of the  
flattening mill unnecessary

Machine for making the  
blanks all of the same size  
this engine much improved  
by Mr. Spalding - The blank  
is put into a round hole  
in a piece of steel wedged  
above than below through  
which it is forced by a solid  
cylinder fixed in the descending  
piece of the press - The piece  
is supported on flat steel  
therefore the fillet cannot  
be forced out the metal  
frame with the flat is in-  
stantly lifted out and  
applied to a small press  
at the corner ~~and~~ where  
it is drawn out - two men  
work on opposite sides as

The same time —

— Engine for making the  
Chambers somewhat convex  
— use of this convexity — prevents  
the Edge from being broken  
near the middle —

— Milling Engine answers  
extremely well, one young  
man works the Sever, while  
another puts in the Corn

130 can be done in one  
minute. — were it possi-  
ble to feed the Engine fast  
enough, it would perform  
double the work, it would  
Mill on returning as well  
as going —

— Melting pots are made  
of a red coloured clay  
into which is wrought some  
hemp and Husks of rice  
The two last mentioned article  
give the pot ~~a~~ strength and  
toughness, but when exposed  
to a great heat the vegetable  
matter are destroyed and the  
pot becomes so porous as  
to allow the metal to pass  
through —

— Furnaces of the Natives  
made of the same materials  
flat — for a grate they  
make holes in the clay

- Instead of bellows they use  
a kind of fan made of packing  
stuff - full charcoal -

- In the engine for cutting  
out the blanks, there  
is a piece of wood which  
always determines the  
distance of the next blank  
This not only prevents waste  
of metal but renders the  
operation much quicker -

Thurs. May - Mint

- Improvement of the scale  
- Screw pin for facilitating  
the taking out the balance  
- Scales hung by hairs instead  
of silk, insects do not light  
on hairs so frequently as  
on silk - Essay weights -  
100. 50 30 20 15. 10, 5

---

5 single to a quarter of a lb

---

weights are partly bent  
and right angles for the  
greater ease of lifting with  
the forceps

- Whether a wheel would  
be advantageous to supersede  
the friction in the mulling



- Melting Engine to be  
wrought perpendicular  
to does not answer -

- Melting Silver - Pots of  
an elliptical form hold  
about 7 to 800 Rupsis =  
weight - Pot is quite  
close except a small hole  
near back the silver is put  
in and poured out. The  
furnaces are all constructed  
by the natives a number  
of small holes in the  
bottom supported by iron  
bars, transmit the air from  
the ash pit - a great  
quantity of Charcoal is heaped  
on the furnace and covers

the pot - A pair of bellows  
composed of a leather bag  
and two pieces of canvas  
are wrought between the  
funnel - but interrupted  
The funnel is generally  
7 or 8 feet, consequently  
one melting produces  
5 or 6 thousand raffles -  
The pots are obliged to  
be pounded and even  
ground - small hand mill

Inoculation for the small  
pox practiced in Lima  
from time immemorial  
performed by the Padres.

Religious ceremony - God's  
milk - Child kept cool

This ceremony is regu-  
larly performed when  
the child is \_\_\_\_\_ years

of age

Crows very plenty abt.  
Callumet - useful eat up  
carcasses - Indians have  
no real affection for each  
other - Dead bodies thrown  
into the river - Man condemned  
to be hanged - "Oy well to"

Friday 17<sup>th</sup> Oct<sup>r</sup> 1794

From Mr. Thos. 100

For two weeks past rain  
and thunder almost every

Day  
Dined at Mr. Lamberts  
about a dozen  
+ Doctor Holford is said  
to have discovered a daily  
change in the barometer  
Numbers are divided into  
three kinds long tails  
short tails and no tails  
Method of separating  
Silver from Gold  
The practice among the natives

Saturday 10<sup>th</sup> Oct 1794  
Ther sent me —  
— air cool this morn<sup>g</sup> —  
— Received the great Cy Ance  
from M. Humphreys —  
Dined with M. Deek  
Graham, Maclean and  
the wife of gentleman  
— Miss Patterson — Howl  
John Hunter — Home —  
Museum not disposed of  
— Miss Turner and Miss A.  
Ferguson married —  
— after dinner —  
Bills for O.D. —  
+ Rice which grows under  
the snow —

Calcutta  
Sunday 19<sup>th</sup> Oct 1796  
Sun sun Thur  
immense quantities of cows  
very tame - useful -  
Visit from

To attend on Mondays  
and Wednesdays at 10 o'clock  
Dined at Meyer Ryd's Garden  
Mr Addison Mr Lambert  
Mr King &c - Great boy -  
two girls - Mr Davis in  
the evening - Miss Hayden  
referred to the celebrated Mi-  
ssea of the same name -  
- but view of Calcutta is  
from Meyer Ryd's Garden

Monday 20<sup>th</sup> Oct 1796

Turn over the. - 700

at  $7\frac{1}{2}$  x x x x ——— small

to visit of Messrs. Miller  
and Boye —

Done with Capt. — — —

+ In the Law Courts the Hindus

are sworn on the water of the  
Ganges — They consider it as a

sacred oath unless they can pro-

cure means of muddying the  
water or rendering it any how

impure. In this case they think  
the oath not binding — But their

most solemn oath is with the  
hand on a cow — The Mussel-

men are sworn on the Coran

21

Tuesday 21. Oct. 1794  
Sun rise Ther. —  
Fine Mor: — 78° —

Breakfasted with Doctor D —  
Levee at ten — very crowded  
Convered with Sir John — Mint —  
Dined with Dr Boyd  
+ Fleet made by heat without  
Flogistia sublimis —  
— Salt peter is scraped off  
the Earth — Sample procured



Wed: 22 Oct 1794  
Sun in the  
77  
with danger Smith  
called on Capt<sup>n</sup> Mitchell  
and Mr. Miller — Long  
room bought books  
Gazetteer — At Mr. Price  
bought menson and  
books and at another  
shop a linen gown 4  
shillings — to Mr. Morrison  
— News that a French  
line of battle ship with  
frigates and a convoy  
of American ships with  
stores had arrived at the  
Mauritius —  
Dined with Mr. Davis

Thursday 23 Oct<sup>r</sup> 1794

Sun rise that -

Wind North<sup>y</sup> - Clear -

7<sup>30</sup>  
~~7<sup>00</sup>~~

+ Gothic Architecture the same  
with that of the ancient  
Windows -

The Sanscrit is the original  
learned language of the Hin  
doo, now a dead language

- A book on the Materia  
Indica translated from the  
Persian with the Sanscrit  
names

- To try experiments, <sup>h</sup>  
fixing colours -

Friday 24<sup>th</sup> Oct 1794

Seen vis. Med.

The Cabin had his first  
Lesson —

Done with Sir John

Shore — Language — Chemistry

Saturday 25 Oct 1794

Thurs. Sun morny - 76

- Breakfasted and dined with  
W. Family - Col. Fullerton  
Cap. Dunlop - walk on  
the Esplanade - Even. at  
M<sup>r</sup>. Reid's - Miss Dancer

Sunday 26 Oct<sup>r</sup> 1794.

Ther. at sun rise. — 76.

— Breakfast with Coll.  
in the Fort — Visited Mr  
Golding — very ill — Capt<sup>r</sup>

Monday 27<sup>th</sup> Oct

Sun rise 7<sup>h</sup> 10<sup>m</sup> - 76°

break, and 7<sup>h</sup> 20<sup>m</sup> with Dew -

Dined with Mr Reid - anniversary  
of their marriage day - 22 Oct  
Dew to dinner - 19<sup>h</sup> 10<sup>m</sup> ex-  
periments at night -

Tuesday - 28<sup>th</sup> Oct. 1794  
Sun rise Thur. 75  
- (Dined at W. Norrily's. brother  
to D. Norrily -

- Tea at W. Family

Another Lecture room is  
in prospect - at the Day-  
office - The room is 42 by  
24 nearly with several  
other large rooms on the  
same floor -

Sunday 29<sup>th</sup> Oct 1793



Thursday 30<sup>th</sup> Oct. 1794

Dined with Doctor Fern<sup>d</sup>;  
 General Compt. Mr Spike  
 Col. Murray. Mr. Burrows  
 Mr. Calcraft - Worcester &  
 - Mont - It was alledged that  
 Vert. can not be made  
 here Mr S - !! - Matina  
 spoon - China -

Friday 31<sup>o</sup> Oct 1794

Mr. Frank - Survey Com<sup>rs</sup>

Mr. Colbrooke -

Nabob - Settlement

a very small portable

instrument for survey<sup>ing</sup>

would be extremely

usefull to Engineers.

Saturday 1<sup>st</sup> Nov 1794

Circars bill of 403 Rupees  
besides some other articles

not yet brought in

Dined with Mr. Davis -

Capt. Crawford. Mr. B. called

Mr. Cleland &c - Doctor

Ol - l and Mr. N -

Sunday 2 Nov 1794  
- with Mr. Reid - In the Ev.  
news arrived from Bombay  
of Lord Howe's engagement with  
the French fleet -  
- sent from Mr. Sp. -  
Steel made by Cullack's blood  
Dyes frequently found cracked  
next morning - Gold refined  
with Cow Dung. Groups long  
and tedious - By quartz  
extremely short -  
Composition to present  
with

Monday 3<sup>d</sup> Nov. 1794

Tuesday 4 Nov. 1794  
at half an hour before  
sun rose the therm. stood in  
the great room at  $76^{\circ}$  but  
placed on the roof of the hou  
it fell to  $66^{\circ}$  which was the  
height when the sun's center  
appeared in the horizon —  
— with Dr. Dick —  
— have just received an acct  
of an engagement entered between  
Gen. Munnombi and  
in which pieces  
of cannon were

Wednesday 5 Nov 1794

Am in the top of the  
room —  $66^{\circ}$

— with W. Meir — Newcomb  
Gordon — Restoring brittle  
gold by corrosive Subli-  
mate — Presby more found  
than the diamond —

Thursday 6 Nov. 1794  
- B. with M. 7<sup>4</sup> + Chama  
Bayer - Refining Gold  
with low dung in small  
cakes - Gold beat into thin  
foil or letters covered with  
a mixture of brick dust and  
salt piled on a heap 15  
inches high in circular row  
is built round the rector.  
gates pit and a small  
distance from it, ~~in~~  
on this foundation is erected  
a superstructure in form  
of a dome and completely



covered in - It is lighter  
at the top and burning down  
ward - process finished in  
about two hours - This is  
repeated time before  
the gold is pure - This  
is a most tedious and  
imperfect process -

- At the point no  
pains is taken to purify  
by the clay - Gold is  
not refined in less time  
than six months

February 7<sup>th</sup> Nov. 1794  
B<sup>d</sup> with Mr D - Capt!  
C - - obliged to put in  
at Batavia in order to  
purchase Nitrous Acid -  
- No warmly more favored  
for the manufacture  
of both acids than Bengal  
any quantity of Rock  
crystal may be had  
at Buxera, it is some  
times brought by way of  
ballast -

Done with Dr. Robt  
Chamber - went to the

Theatre in the Evening -  
School for Orators -

Character by private fact -  
with two female performers  
- no music - An apology  
was made by the manager  
in these words

"I am extremely sorry  
Ladies to understand the neces-  
sity of appearing before you  
on this disagreeable occasion  
I do assure you it was not  
my fault that the orchestra  
~~was~~ is not here"

Is it not absurd for a man  
to play the part of a woman?



Sunday 9<sup>th</sup> Nov<sup>r</sup>  
- with Mr. Foreman Ship-  
builder - Naval Society  
Lacked not well described  
by Mahon's - caught  
in nets - killed sometimes  
with one dog - Large ship  
on the stocks - Mr. New  
and Peter Duck - aboard  
M.D. - supper - ill  
at night - Clear  
sky - fair weather - cold  
- changes from heat to  
moisture extremely  
sudden and great in degree  
furniture cracks &c -

Monday 10<sup>th</sup> Nov 94  
B<sup>d</sup> with W. Baird -  
Two ships arrived from  
Europe the rest of the fleet  
at hand - with W. Dew  
Capt. Cairns - best way of  
boiling beef is not put the  
beef in the pot but let the  
water boil - Composed  
for fish sauce - Mr. Ru-  
mation - Telescope -

Thursday 11<sup>th</sup> Nov. 1794

Beat Doots Dicks

— Dava bleachers can take  
out any spot whatever —

marking ink was sent  
out from England for some  
purpose — washed out —

— applicator for private  
teaching — terms what

— Vitriol works —

Dined with Mr Miller

— Tallow trees in Bengal  
for 30 years, but not of the

right sort — News from  
England — Committee of the  
house of Lords — Command  
of numbers to the tower —

How are the Short China  
candles made? —

At Naha romantic province  
— Mosquitoes fewer in the  
cold than the hot season



Wednesday 12 —

— Capt. Lamb — Emperor  
Tobacco — Wash &

+ Meat wols soon in the  
hot than in the cold season  
in Bengal

— Some wool soon in  
the hot season than in  
the cold — Grass is laid  
lightly over and between  
the bottles and water  
is poured on the grass  
Evaporation engaged —

Thursday 13 Nov.  
with Mr. Macdonald

Friday - 14 -

Saturday 15

Sunday 16

Monday 17<sup>th</sup> - Entered my  
new house - Married with

Mr. Stewart the seating of  
it -

Tuesday - - 18

Wednesday 19 Com.

mander ball - Company

numerous - Elegant - with

- Champagne - Wishes

- Inspected at 11. Broke up  
about 3, -

Thursday - Mr. Bus -

question of Mr. Burrow -

Friday 21<sup>st</sup> Carpenters

begin pulling up the  
benches - with Doctor  
Boyd - Miss Annie Boyd.

Saturday 22. Mr. Morris

Politic -

Sunday 23. O. P. Deck

- Delinctor -

Monday 24 Nov 1791

Ther. at sun rise  $60^{\circ}$   
on the roof laid on the terrace  
wind about NNW —

— went to see a large  
shop built by Mr. Fore-  
man launched — The  
could not be moved even  
by the assistance of three  
screws — The mechanism of  
the ways was greater than  
I have ever seen in England  
Hence it was matter of sur-  
prise that she would not  
move. The cause however was  
soon discovered. A lina tal-  
low is used to smear the

ways with, which instead of  
facilitating, greatly retarded  
the business, acting by its  
hardness like glue - This  
I am certain is the sole  
cause. How necessary it is  
to attend to every the most  
trivial circumstance in  
an experiment of such  
magnitude. After every  
effort by the screws had failed  
two beams were applied  
to batter the hind end of  
the cradle, but all in vain.  
The business was given  
up - It must be readily

seen that the pressure of the  
atmosphere - was superadded  
to the tenacity of the Tallow,  
their joint effects made the  
Cradle so fast to the ways that  
I am persuaded had her head  
been raised to an  $\angle 30^{\circ}$  she  
would not have moved -

Done with Mr. ~~Ball~~

Foreman - Parly - songs &c

Tuesday 25 Nov 1794  
Sun rise Thru. Land }  
on the home top - } 62°

— Another attempt to launch  
the ship - Hot oil was to  
be poured between the Cradle  
and the ways, and a set  
of stronger screws were  
provided - Two long  
beams to act as levers  
were supported on the  
great blocks, the short  
arms below the keel  
near the bow - These  
levers were scarce applied  
and the screws were not

used for the want of with  
great care, and with a steady  
accelerated motion plunged  
into the river - The cause  
assigned for the failure yester-  
day was, now certainly proved  
to be the tallow which has  
a quantity of wax mixed with  
it this greatly increases its  
tenacity -

- Dined with Mr. Reed -

- Mr. Miller in the Even - 9



Wednesday 26<sup>th</sup> Nov 94  
- Seeds woven with red stuff  
- Dined with Mr. Mackay  
Mr. Brown Capt. Angell -  
Dr. Probst and Marie  
- These lower on the grass  
than higher up -  
Caoutchuk tree described  
by Linnaeus very different  
from those I brought to  
the botanic garden -  
- a vegetable substance  
which will not dissolve  
in any menstruum.

Thursday 27 Nov 94  
Sun in the P.M. - 61  
when laid on the nose  
top - Bye with Dr Lynd  
Corrosive sublimate never  
used the Venereal Disease  
Mr. Bannet does not use  
Vit: acid in his Preparation  
of Indigo because the  
acid is so expensive in  
this country and the Indigo  
is prepared with the acid  
in England -

Friday 20<sup>th</sup> Nov 94  
Sun rise 7.45 - top - 61.  
+ most of the beavers are  
from Ballisore, there will  
not touch a glass or any  
vessel as European use  
- will not touch a tallow  
candle this arises from  
a compact among them-  
selves, for at Ballisore  
the beavers have no such  
regulations - In the evening  
Wed Day with Sir W. Deane  
sent an apology -  
Dined at Mr. Fank's -

Saturday 29<sup>th</sup> Nov

— Mr. Smith much news  
and little information

— This morning received  
a vessel from the Govt  
Govt. accompanied by  
Sevent. Ladies and Gent<sup>l</sup>  
ran and near three

hours — accounts arrived

of the death of my worthy  
friend Govt. Light of Penang  
Some hundreds of Malloys  
have lost their lives

in service —

Sunday 30 Nov<sup>r</sup> 1794  
Morning - Company -  
Breakf<sup>d</sup> with Mr. Humphs  
Mr. Golding - Electric  
Machine - Visit of  
Mr. Franklin Mr. Reed and  
Mrs. Duck Mr. Reed to  
see the rooms and the  
apparatus -  
- with Mr. Reed -

Monday 1<sup>st</sup> Dec. 94

Ther. I am in the room top 59°  
when held in the hand. 60


- Employed in getting up  
the Electric machine  
and preparing the Experi-  
ments for the Lecture to-  
morrow evening -

Thursday 2 Oct. 1794  
Th. S. Oun in flat - 59°  
Employed in getting ready  
for the evening lecture -  
- with Mr. Fambie -  
at eight o'clock entered  
the room and began my  
course to 100 hours  
room too much crowded  
- must prevent gent.  
standing behind - great  
inconvenience. This con-  
- concluded at half past  
night - some part of  
the apparatus was lost

By the Gent.<sup>rs</sup> comming be-  
hind occasioned a few breaks  
in the Experiments, the  
whole however was well  
received — brilliant Com-  
pany — Arrived Gent  
had not seats — It will  
be necessary to make  
additions to the seats —  
— On this account have  
postponed the Lecture till  
Tuesday the 9<sup>th</sup> Oct —



Wed<sup>y</sup> 3<sup>o</sup> Dec<sup>r</sup> 1794  
Employed ~~in~~ no-  
jacking additions to the  
seats in the lecture room  
which will amount to  
20 persons - with Mr. D.  
- made some inflam<sup>th</sup> eni  
- There are about 150  
subscribers on the list -

Thursday 4<sup>th</sup> Nov. 1794  
— Under Mr. M. and S. at  
the mint — Manner of striking  
the Pieces with Lead so as  
to take away 14 Annas out  
of the 16 which is the Value  
of a Piece — Only one ex-  
tra hole is bored on the  
edge and radii which take  
out all the silver —  —  
consequently there is only  
one small hole to fill up  
with silver or other white metal  
— Done at Mr. B. — Mr.  
Faville and Mr. J. Forge-  
son Miss Ogilvie and Sister —

Friday 5 Oct. 1794  
B<sup>o</sup> with Mr D L  
planned the scene - with  
answers for Elect<sup>rs</sup> and  
Oppos<sup>rs</sup> and Act<sup>s</sup>  
+ Thunders are permitted to  
merry only during the  
months of May and June

Saturday 6th Dec  
Sun rise thru N.T. 59  
W. Wind -

Sunday 7<sup>th</sup> Dec 1794

Monday 8<sup>th</sup> Dec 1794  
Ther. sun rise h. t. 50°  
— with M. Davis —

Tuesday 9<sup>th</sup> Dec  
Mr. Fairlie —

— 2<sup>d</sup> Lecture —

at the Expt. Sunday  
except the Church and  
Magazine

— After the Lecture at  
Mr. (Overs) —

— It is not uncommon for  
travellers among the Am-  
ericos still to burn them-  
selves. An instance hap-  
pened about three weeks  
ago a few miles from Cal-  
cutta —

Wedn<sup>y</sup> 10<sup>th</sup> Dec 1794  
with Mr Miller -

- a posteriori -

+ at one o'clock the Rev<sup>d</sup>

Mr M<sup>r</sup> brought to the Lecture  
room a Servant who had  
been guilty of spending mo-  
ney in Play which Mr

B. had given him to purchase  
meat ~~for~~ He offered to go thro'

the usual ceremonies to prove  
his innocence - when asked  
to confess said he would ~~not~~ <sup>never</sup>

- I gave him a Shock from

a large Jar, he instantly

dropped, and lay motionless

for some time on the ground



After recovering, he threw  
himself on his knees and  
confessed every thing —

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Thursday 11<sup>th</sup> Dec 1794

3 Bullets — Subject air  
went well off. Every ex-  
periment succeeded. except

The Gunner and powder —

— Numerous appearances  
of the sea saw to be  
owing to such microscope  
as in alcohols, which turn  
round like a wheel with  
great velocity and during  
the motion send out light

Friday 12<sup>th</sup> Dec<sup>r</sup> 1794  
Ther. Am rise - - - 56°  
M. Fairlie - - -

Saturday 13<sup>th</sup> Dec<sup>r</sup> -  
- with Sir William Dumbkin

Sunday 14<sup>th</sup> Dec<sup>r</sup> -  
A Am rise Ther<sup>r</sup> } 54½°  
on h. t. - - - }

# Memoranda

- South's bellows -
- Blough - Sugar mill
- Spindle for fine cotton
- Thread - Loom for weaving
- Method of extracting
- metals from their ores
- of melting and casting
- Ditto -
- Hooker how to tin
- Salt fish - manufacture
- purification -
- Abras - Oil of roses
- Nindoo women wear neck
- rings - left overtil -
- Reports for American
- names - Form of prayers

