13 Sep' 24
Science
-> systematic study of everything around us,
and within us that we can observe
-) (1) observe what is true Eg: Sun is coming up in the morning and going down in the evening
-> (2) collect data
LOOP Eg: Observe the sun for many days
->(3) make supdate your theory
Eg: Sun rises up in the morning
and sets in the evening — (4) experiment and test your theory Eg. Test in India — the theory works Test in a non-notating space shuttle — theory fail s

HW	•	Follow	the	Scien	tific	meth	ad to	stud	9
				_				ng in	_
(3	3)	Light	and	Shade	s W S				
	Tex	ct books							
(1)	AP	textboo	oks ES	Sclass	3,4,5	- (bot	h Soci	al Science
(2	2)	NIOS	textl	200ks	level	A, B,			
	3)	Open	Stax —	texte	500XS S) Bio	109y	ong te Anatom	y Cher	nistag
								Astra	$\frac{\partial \mathcal{M}}{\partial \mathcal{M}}$
	AP	ES	class	3	text	600 Jes	Ch. 2	Pla	n(s)
		HW	: C	mple	te	hesc	chap	ters	
				U				2 (pk	1 ~

20 Sep 24: After step (4), theory worked in Indie
but failed in non-votating
space shuffle. Science: Sun example Go back in the loop (1) More observations — votating space shuttle (2) More data

- many times in

rotating & non-votating

space shuttles (3) Update theory: The earth is rotating and so we see the sun come up & go down everyday Test: Go near other planets and see if they are votating. Then land on the planet and check it the sun rises up and goes down.

HW: (1) For body parts, floating objects, lights and
shadows - in each case, first identity who
you are trying to study.
For the Sun example, we were studyin
how the Sun rises and sets. But not
how hot or which color the Sun is.
(2) In each case, write all the steps one
by one - observation, data, theory, test, and loop.
test, and loop.
(3) Edit last HW file with above details

HW: AP. ES3 textbook Ch: 2

(1) Collect different types of leaves from
your community and make an album

(2) Grow sprouts and plant them in soil

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HW: (1) Collect the same leaves that your Mom got last HW. And put them in the album.

(1)	Make some observations and ask a question
(ک)	Make a hypothesis (theory) and some pred
	Experiment and test your theory
(4)	Loop
HW:	Follow the scientific method to study I
	Color of the Syn.