## **Cornell Notes**

Topic / Objective:		Name:
The Faut Line and Jams		Class / Period:
		Date:
Essential Question: How does The Faut Line threaten dams?		
	,	
Questions:	Notes:	
Fremont, California	WOKING CLASS CITY	next to San Francisco;
*	10 miles away fro	om a reservoir next to an
	active earthquake	
	dam break Hooding	g thrusands of homes.
10.100	Entrara of Odlara	1 . 015
replacement d'anc		as Reservoir were concerned
	60 they built this	- slow in building - very
	difficult to repair	or repace ora dams
2016 National	30% are rated	as posina a high or
Inventory of Dans		1 ; 2170 are deticient
HILLOURY OF PUMP	and need of upgrad	
	The state of the s	11/19
Funding and	inadequate \$6	4 billion needed to upgrade
inspection stating	dams \$ \$ 22 Bil	In for those posing
1 1 1 1 1 1 1	highest hazard	in the policy
Ivan wong	seismologist tron	n Walnut Creek, California -
/	"huge problem - p	nussible disaster
Summary:		
	ketikuskatakutin lebastas ole salapus (sanga salabita) tahuti tapa salah tahut salabita dan salabita salabita	





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Questions:	Notes:	
Why is Culaveras	California's Division of Safety of Dams	
	ordered San Francisco Public Utilities	
Reservoir no more than 40% full?	to keep 31 billion-gallon capacity low	
Dam fail-proof?	1200 frot wide base and spillway walls 4 feet thick needed; # 800 million	
	4 Peet thick needed; \$ 800 million	
	project	
Seismic threat	highest along West Coast Including	
	highest along West Coast Including washington and oregon	
0 50		
Calibrnia	3/4 of states 1585 dams rated as having high or signifiant risk of tailure	
	high or signitant risk of Tail are	
M. Admiss Day	Oracle at I wall get of read to be other	
New Cabyeras Dam	Constructed largery out of rock, air + otter	
1	Constructed largely out of rock, dirt + other natural materials - zones of compacted material - thicker core of impermeable day	
	- Thicker lare of imperneable day	
Omlahma	dams were built declades ago when 1865 was Known	
Prohems	about effect of earthquakes; didn't know loose	
	rock + Soil formerly ased for the base could	
	liquety in a strong earthquake.	
	myaery in a suary euror quary	
Calavera 3 Dam	nosas flooding throatholausa base uns hait on	
- John Carlos Day	lossa larth of previously failed dam : 300 or	
	nerole live below - Could be disastrous it fails	
Summary: Most of the dams along the West Grast are in need of		
repair using rock, dirt, and other natural materials including com-		
pacted material and imperneable clay. These repairs are		
needed to prevent disastrous Flooding of adjacent Communities.		
Should the dams be damaged by barthquakes along the Fauit-Une		
20 12 07 H		



