Pennies Labs!		e		Period_
Physical and Chemical Propertie	es and Changes:			
Choose any or all of these labs	for points.			
1. Pennies' Physical Pr	opertiesthrough the y	ears. How have the	physical of properties p	ennies chan
a) Find & record the	e mass of a variety of penni	es from numerous ye	ars in an organized cha	rt. Use the bac
	Distance		ecord sound in chart. (d	lull/sharp/full o
c) Organize your da	ta in a graph. Label the x-a	and y- axes.		
		 		
		 		
d) Write a conclusion	on using your data			
u, write a conclusion	m using your uata			
			Have Checked	d
2. CHEMICAL CHANGE	TO CHANGE A SUBSTA	ANCE AND CLEAN	a Penny.	
a) Use a small plast	ic or glass container/dish.	RINSE before using.	Rinse after soap.	
b) Try a small amou	nt of each of the following		="	
	ord to fill in the chart.	Change	Description of the	Oulselve - 1
Substance for cleaning	Describe Change ↓	Change: Physical or Chemical?	Reason from C/P W Color Change/New Sub	
Water				
Soap and Water: Rinse after!				
Vinegar				
Vinegar and salt				
If time, Save this liquid for 3.			<u> </u>	- d
		Clean u	p Have Checke	ea
2. Chambal Charact			lata ak asa ala a Cita	
3. Chemical Change to co			object made of iron.	
	nd salt mixture from above			
	break up the finish on a pa		_	
	ennies (1981 or older) in yo ip. If you want to compare	_		
	every 5 minutes. If needed			
	u have change. Draw or t			
Time in solution:		Draw results:		
Describe results:				
There are 2 chemical reactions	: 1. The copper first leaves	s the & c	ombines with the acetic	acid (vinega
	2. Copper is then attracted			. 3
	Then the	looves the self	and sticks to the iron	

Have Checked

_g) Rinse and dry your pennies and paperclip or nail.