Candidate 1 evidence

	Particle size and name of reactions				
	Amito And out if increasing the particle size affects the rate of reaction				
achaground Chumsta	longe particles have evall surface areas. Only the outside particles are exposed to the chemical so if there is only one stone the abunical will be able to the bottom only the outside, thosever if the particle size is decreased then chemicals are able to attack more particles that were prenously on the uside of there is a larger surface area. When there is a larger surface area there is more of around the others are surface area there is more of around the areas a larger surface area there is more of around the around of the others. This chartes a preaction. The more collisions there is the faster the reaction. Will be the speed of a reaction can be interpreted by a graph however to find out the graph you must work out the rate. This is abre by working out the change in weight of the document reaction and dividing it by the change in the parting it in a rate graph. If a reaction was quick it will have a steep line that paths manufactor. The softer curve in the line, the slower the reaction will be if there is a flat line transportation on the graph that indicates that the neaction has stopped due to the reaction in being used up. The line will be begin to				
	be from when there is less reachants, bases are used to reutralies and. Neutralisation reactions are when the bases come into contact with acids, bases are alkali so they get the acids pth number closer to the 7/reutral). This is because the number of hydrogen lons goes down. During a Noutralisation reaction salts are created they from new ioni substances. The three main bases are metal axides, metal hydroxides and where corbinates, if a base canot dissolve in water it is an alkali Acids and metal carbonates reacting lagether when a soil, water and carbonates reacting lagether when a soil, water and carbon diaxide the for collecting the gase just was by using a balance take hore of the starting wagnit with a measuring cylinder (with chosen and to it) the conical flash with measuring soiled in it, the acid you have note of this pour the armeasuring soiled in it, the acid you have note of this pour the armeasuring				

	while out the and in the annual Areas will be a find a second of the sec							
	with the acid in the conical flask with the solid in it. Want your chosen amount of time and take note of your finishing weigh							
	outlined the fulshing weight from the starting weight and know is							
	The a	the amount of gass lost,						
escription of	To work out the gas lost I had the acid in a greater measuring cylinder and							
Experiment	the of	the assister in a beamer than and praced them both as a balance. I recorded the						
<u> </u>	storting weight, added the acid to the beater waited 2 minutes and recovaled the							
M. Markettinian and A. Mar	finishing weight.							
D- 1 4 11	porticle	(Xdyes)	era service	CONTROL OF S				
kow dara	5120		1 0 0	,	and the second s			
	lorge		= 118,20	Stort=117.0				
	Medium	finish=118.18 finish=116.0 Stort=113.20 stort=118.3						
	MOILDEM	dium Stort = 113,20 Stort = 118,32 Finish = 113,15 Finish = 118,19						
	linus		- 1	'				
	DE IOM	SMOUL STORT = 116.11 STORT = 117.37 FINISM = 115,76 FINISM = 116.91						
	,	1911	30. 1(3),10	10000 1100	·			
Koodel	particle amount of la CO3 lost in grams							
	size		empt 1	altempt2	9			
	large	0	.02	0.05				
	medium	0	,05	0.13				
	small	0	. 35	0.45				
iverage and	nortyclo s	170	ANRAD OO	ormoral of	rote all			
herage and	porticle offe		(a (O3 lost (g)		(a(03 1037 (g))			
	large		1 0.04		0.02			
	Medium		10/XXXX 0/1		0,05			
	small		0.4	~ .	0.2			
	Y H H H H H H H H H H H H H H H H H H H							
	1							



