Acids and Bases

1 C	A	R	B	O	N	I	C												
L																			
E		2 L			3 B	A	S	E											
4 A	C	I	D		A				5 I										
N		T			6 S	E	V	E	N										
I		7 M	O	R	E				D										
N		U							I					8 L					
G		9 S	10 A	L	T				11 C	L	E	A	N	I	N	G			
	12 C		L						A					T					
	13 A	L	K	A	14 L	I			T					M					
	U		A		I				O					U					
	S		L		M				15 R	E	D			S		16 S			
	T		I		E			17 L							18 R	E	D		
	I				W		19 S	E	V	E	N					V			
	C				A			S								E		20 A	
			21 L	I	T	M	U	S			22 C	23 A	R	B	O	N	I	C	
		24 P			E							C						I	
		25 H	Y	D	R	O	C	H	L	O	R	I	C					D	
												D							

Across

1. Name of acid in softdrink.[8]
3. Chemical containing hydroxide ions.[4]
4. Chemical that is corrosive, has a sour taste and a pH less than 7.[4]
6. Neutral substances have this pH.[5]
7. Alkalis have a pH ____ than 7.[4]
9. Acid and base neutralise to form ____ and water.[4]
11. Household bases are suitable for ____.[8]
13. Chemical with a soapy feel and pH more than 7.[6]
15. Acids change blue litmus paper ____.[3]
18. Sulphuric acid turns litmus paper ____.[3]
19. Salt has this pH.[5]
21. Alkalis turn ____ paper blue.[6]
22. Carbon dioxide and water form ____ acid.[8]
25. Stomach acid.[12]

Down

1. Many household ____ products are bases.[8]
2. Indicator made from lichens.[6]
3. Chemical that neutralises an acid.[4]
5. Chemical that changes colour in acids and bases.[9]
8. Common indicator used in liquid or paper form.[6]
10. Soluble base.[6]
12. Common name for sodium hydroxide is ____ soda.[7]
14. Common name for calcium hydroxide.[9]
16. Distilled water has this pH.[5]
17. Acids have a pH that is ____ than 7.[4]
20. ____ rain is an environmental problem in industrial areas.[4]
23. Reacts with a metal to form hydrogen gas and a salt.[4]
24. Measure of amount of hydrogen ions released in solution.[2]