

7DBI Homework Sheet 6

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March, 2012

A rough guide as to how the marks are given is as follows:

		Effort Grade		Achievement of task
A	Excellent	this effort grade will rarely be given – to get this mark the work must demonstrate great effort and real clarity	+	Excellent understanding of the work
B	Good	will be given e.g. when a lot of effort has obviously been put into the work or when the work is very clearly set out	=	Good understanding of the work
C	Average	will be given for work which is of a satisfactory, acceptable standard; if you get less than C you must improve the standard at once!	–	Poor understanding of the work
D	Poor			
E	Very Poor			

Don't forget to do your homework in the back of your exercise book!
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10 On the pH of some household substances

You will be given a length of pH paper.

Test 10 common household substances by taking a *small* amount of the substance (e.g. toothpaste), mixing it up with a spoonful of water, letting the mixture settle and then putting a drop of the solution on the indicator paper.

Record your results in a table, noting whether the substance dissolves completely, what colour the paper goes and (using the table in your books) what the pH of the solution is.

Try to get a range of acids and alkalis and see if you can find any pattern as to which substances are acids and which are alkalis.

11 Ideas on acids

What are your ideas on acids?

Think about these and, if you want, ask any of your family what their ideas on acids are. What we are after at this stage are everyday ideas rather than theoretical science ones.

Design and make a poster on plain A4 to illustrate the things that you consider most important about acids. We shall display a good number of these posters on the wall in room 19.



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