9A4 Metal oxides

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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			

This homework is all about the experiments on heating metals we did in class.

a. i. What did you notice when we heated the copper pieces in the bunsen burner?

ii. Do you think a chemical reaction occured, and why do you think that?

b. i. What did you notice when we heated the iron wool?

ii. There was more activity when we heated the iron wool than the copper pieces, can you suggest **two** reasons why this might be?

c. i. What happened when we heated the magnesium?

ii. Where do you think the mass of the magnesium went in this experiment? (It was much lighter at the end. **Hint** What did you notice left over at the end / given off during the experiment?

d. Can you write down these three metals in order of their reactivity, from most reactive to least reactive? (NB this is called a reactivity series, and we shall be coming onto this next time in more detail)