	KS4 Science: Chemical Changes part 1	I can do this	Covered in Class	Strength ?	Revised it?	**Kerboodle Textbook page reference**
Review of previous test - work on targets (within first few lessons of new	• I know where I could improve from the feedback • I have understood what I need to do to improve • I have acted on Feedback and edited in Blue Pen					0
Metal oxides and introduction to reactivity series (displacement	• I can identify that metals react with oxygen to form metal oxides • I can explain oxidation by gain of oxygen • I can write equatiosn to show transfer of electrons					Oxford p84
Determining reactivity from reactions with water	• I can describe the reactions of metals with water • I can deduce the order of reactivity based on experimental results • I can explain how the reactivity is related to the tendancy of the metal to form its positive ion					Oxford p84
Corrosion and its prevention (triple only)	• I know how experimental results can be used to show the conditions for rusting • I know how to protect iron from rusting • I understand the term sacrificial protection					Oxford p220-221
Extractions of metals with carbon	• I can interpret processes used to extract different metals • I can identify sustances that are oxidised or reduced in terms of gain or loss of oxygen • I can write half equations for the reactions					Oxford p88-89
Ionic equations for displacement and redox	• I can write half equations for a displacement reaction • I know form a half equation which substance has been oxidised and reduced • I understand what is happening in a displacement reaction in terms of movement of electrons					Oxford p86-87
Reactions of acids and metals	• I can describe how to make salts • I can write full balanced symbol equations • I can explain half equatiosn in terms of oxidation and reduction					Oxford p90-91
Review (Mid Topic Assessment)	• • •					0