Chemicals of the Natural Enviroment

How are the atoms held together in a metal?

atom	attraction	boiling point
bond	delocalised	electron
electrostatic	giant structure	melting point
	metal	

Chemicals of the Natural Enviroment

How are metals with different reactivities extracted?

bacteria	carbon	compound	displacement
electrolysis	electron	extraction	ion
ionic	metal	negative	ore
oxidation	**phytoextraction**	positive	reactivity
toxic			

Bold Keywords - higher tier only

Chemicals of the Natural Enviroment

What are electrolytes and what happens during electrolysis?

aluminium	anode	aqueous solution	atom
cathode	compound	**conservation of mass**	current
decomposition	dissolved	electrode	electrolysis
electrolyte	element	extract	**half equation**
hydrogen	inert	molten	neutral
oxidised	**reduction**	salt	

Bold Keywords - higher tier only

Chemicals of the Natural Enviroment

Why is crude oil important as a source of new materials?

alkane	alkene	boiling point	bond
covalent	cracking	crude oil	double bond
feedstock	finite	fraction	fractional distillation
fuel	hydrocarbon	intermolecular force	melting point
mixture	petrol	polymer	sustainable