

## Week 3: 'Beat the forgetting curve'

Questions	Answers
<b>English:</b> What is hubris?	Excessive pride (accept arrogance).
<b>English:</b> Fill the gap: "hard and ____ as flint".	Sharp
<b>English:</b> Spell 'necessary'.	'necessary'
<b>English:</b> What is a 'semantic field'?	A group of words linked by meaning.
<b>English:</b> When should a semi colon be used?	To connect two independent clauses which are linked by meaning.
<b>Maths:</b> What is the cube root of 64?	4
<b>Maths:</b> James bought a motor scooter. He paid a deposit of £275 and 18 monthly payments of £40. How much did it cost him in total?	$18 \times £40 = £720$ $£720 + £275 = £995$
<b>Maths:</b> A new TV is priced at £320. In a sale it is reduced by 35% Calculate the sale price	$100\% - 35\% = 65\% = 0.65$ $£320 \times 0.65 = £208$
<b>Maths:</b> Write as a fraction $7^{-2}$	$7^{-2} = 1/7^2 = 1/49$
<b>Science:</b> Why is the left ventricle more muscular than the right?	It must pump the blood around the entire body.
<b>Science:</b> What type of bonding is between two non metals?	Covalent
<b>Science:</b> What type of bonding is between a metal and non metal?	Ionic
<b>Science:</b> What is the law of conservation of energy?	Energy cannot be created or destroyed, but transferred from one store to another.
<b>Science:</b> What is an enzyme?	A biological catalyst which increases the rate of a reaction.
<b>History:</b> Name 2 types of gas used in WW1.	Mustard, chlorine or phosgene.
<b>History:</b> What is shrapnel?	Steel balls and lead in a shell casing.
<b>History:</b> Who were RAMC and FANY?	Royal Army Medical Corps and Female Auxiliary Nursing Yeomanry.
<b>History:</b> In which Battle was the first blood bank created?	Battle of Cambrai.
<b>History:</b> What chemical could be added to blood to allow it	Sodium citrate

to be stored for up to several days?	
<b>Spanish:</b> How do you say 'I get on well with' in Spanish?	Me llevo bien con [meh yeh-bo bee-ehn con]
<b>Spanish:</b> How do you say 'I fight with' in Spanish?	Me peleo con [meh peh-lay-oh con]
<b>Spanish:</b> How do you say 'cheerful' in Spanish?	Alegre [ah-leh-gray]
<b>Spanish:</b> How do you pronounce <b>j</b> in Spanish?	H (e.g. ojos is oh-hoss)
<b>Spanish:</b> How do you pronounce <b>ñ</b> ('n with n an accent') in Spanish?	Ny (e.g. español - espanyol)