**Antibiotics and Painkillers Homework.**

* L4/5 Draw and label your diagrams showing how a bacterial cell can mutate. \* colour code the genes.

L5 Q) Write a definition for an Analgesic. ………………………………………………………………………………………………………………………………………………………………………………………………

L5 Q) What is the function of Antibiotics?

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L5 Q) What is a Mutation?

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L5 Q) True or false with reasons ….Antibiotic resistance occurs in the structure of a virus. ….............................................................................................

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L6 Q) Describe how antibiotic resistance occurs. ......................................................................................................................................................................................................

**Extension.**

L5/6 Q Write definition flash cards for the following….resistance, antibiotics, non-resistance, mutation and natural selection.

L7/8 Q Why is it important to complete a course of antibiotics and what might happen if someone didn’t do this? You need to describe the infection process and recovery. You may use a diagram **and / or** graphical means.

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