

## Definitions and Concepts for WJEC (Wales) Biology GCSE

### Topic 2.7: Micro-organisms and Their Applications

*Definitions in **bold** are for higher tier only*

*Definitions marked by '\*' are for separate sciences only*

**Agar plate** - A Petri dish containing agar gel used to grow bacteria.

**Antibiotic** - A type of medication that helps cure bacterial disease by killing infective bacteria inside the body.

**Aseptic techniques** - A range of techniques used to culture microorganisms under sterile conditions in order to minimise contamination.

**Colony** - A large group of bacterial cells which can be seen without a microscope. One colony is assumed to have arisen from the division of a single bacterial cell.

**Fermenter** - Large container used to grow large batches of microorganisms.

**Penicillin** - A type of antibiotic.

**Penicillium** - A fungus which is used to grow Penicillin in a fermenter industrially.

✚ Definition taken from: [WJEC \(Wales\) GCSE in BIOLOGY Specification V.2 January 2019](#)

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