

Year 9 Biology

Topic: Cell Biology

	The links below take you to The Oak National Academy Lessons
Eukaryotes and Prokaryotes	https://classroom.thenational.academy/lessons/prokaryotic-and-eukaryotic-cells-6cr6ae
Animal and Plant cells	https://classroom.thenational.academy/lessons/comparing-of-cells-6dj62r
Order of magnitude calculations	https://classroom.thenational.academy/lessons/order-of-magnitude-calculations-75k34d
Microscopes, magnification and resolution	https://classroom.thenational.academy/lessons/microscopes-magnification-and-resolution-6mr38d
Using the microscope and the magnification equation	https://classroom.thenational.academy/lessons/using-the-microscope-and-magnification-equation-c5k66r
Specialised Cells	https://classroom.thenational.academy/lessons/specialised-cells-74r66c
Diffusion	https://classroom.thenational.academy/lessons/diffusion-61jker
Exchange surfaces and surface area to volume ratio	https://classroom.thenational.academy/lessons/exchange-surfaces-and-surface-area-to-volume-ratio-60tp4r
Osmosis	https://classroom.thenational.academy/lessons/osmosis-6wu3jd
Osmosis required practical	https://classroom.thenational.academy/lessons/osmosis-required-practical-part-1-70r6cr
Useful maths skills required in cell biology	https://classroom.thenational.academy/lessons/useful-maths-skills-64vk6t
Review	https://classroom.thenational.academy/lessons/cell-biology-review-part-1-60ukgt https://classroom.thenational.academy/lessons/cell-biology-review-part-2-61h62t

This is the link to the BBC Bitesize learner guides for the Cell Biology topic. It includes notes, videos and tests.

<https://www.bbc.co.uk/bitesize/topics/z2mttv4>

This is the link to the free science lessons. From here you will be able to access short video clips on all the content of the cell biology unit. You can just select the content you have missed or are missing.

<https://www.freesciencelessons.co.uk/gcse-biology-paper-1/cell-biology/>

This link will take you to a site with exam questions for you to practise, it also has the mark schemes. It also has mind maps for the topic and flash cards.

<https://www.physicsandmathstutor.com/biology-revision/gcse-aqa/cell-biology/>