

Lower 6 visualise mitosis in action



Lower 6 have been investigating cell division called mitosis in root tips and this week they put their theory into practice completing practical opportunities to investigate this further. The pupils had to prepare root tip garlic tissue that were just one cell layer thick, stain the chromosomes and visualise the chromosomes in the different stages of mitosis. The pupils were very impressed when they could see the alignment of chromosomes in metaphase and anaphase. This particular practical is difficult in term of the methodology and it was pleasing to see they managed to obtained some good images. Their next task is to draw the chromosomes, using their biological drawing skills developed in the previous practical and to calculate the mitotic index to fulfil the A Level requirements of this core practical.

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