

Biology is the study of life, the nature and variety of living organisms, ecology and the environment. At Lloyd Williamson Schools, our IGCSE Biology academic year starts by learning about the basic building block of living things, namely, individual cells. The theatre of learning is our biology lab with its various equipment, displays, and video presentations. And what better to stimulate the curiosity of our students than to observe the world of the minuscule through the eyepiece of light microscopes. Their journey of discovery continues as we ascend to higher levels of organisation, studying organs through simple dissections, to systems through model displays, to complete living organisms.

As a science teacher, the subject never ceases to amaze me as I try to understand the way our various internal systems coordinate their operations through electrical impulses and fluids such as hormones and enzymes. And as similar as these operations are in each one of us, we grow out from those microscopic cells to become unique individuals with different inherited characteristics, and distinctive personalities. My old school science teacher once told me when I was a student that to teach, one must keep learning, and to teach better, one should have passion, but to teach best, one must pass that passion to the students. I am learning, I am passionate, and I am keen to pass that passion to my IGCSE students.

IGCSE Biology is a door to A Level Biology which opens in higher levels to a vast field of knowledge and research. Biology is a dynamic subject that touches our lives in all sorts of ways. Starting with knowing how our body functions, to understanding the living world around us, to curing the sick, to fighting disease, and safeguarding our biosphere, the 'bio' in the subject has merged with other sciences as far afield as mathematics and economics. So let's start.

Hussain Razik