Grade 5

Looking inside the body

We learn about the body too! Students will explore the ways in which research labs and hospitals look inside the body to understand health and disease.

Online BIOlab option: live virtual field trip via Teams, Meet or Zoom to see how scientists learn about body systems. See a skeleton model, tissues under the microscope, watch a dissection of pig heart and lungs.

Time required
1.5h (flexible)

Grade 5 students are capable of asking sophisticated scientific questions, and their curiosity is always evident in the Maintaining a Healthy Body cluster of the grade 5 science curriculum. Grade 5 students want to know how the body works; this is the same question that all of our scientists begin with, whether they are studying heart disease, brain diseases, foods or medicine.

Specific learning outcomes addressed: 5-1-01 5-1-06 5-1-07 5-1-10 5-1-12 5-1-13 5-1-15

Time Required	Student Experience
15 min	Introduction to the Research Centre and research interests, connect Research Centre labs to study of the body systems
15 min	Skeletal system model, bone guessing game, skeleton assembly
15 min	See how scientists study bodies using microscopes
30 min	See a dissection of pig heart and lungs
15min	Questions and wrap-up

times are approximate, and can be scaled to whatever time you have available!