



Area News - Biology

Recently in lessons we have been ...

Recently in lessons students have been learning about how the gas exchange and transport system are adapted in insects, fish and mammals. To do this they have been developing their dissection and observation skills. Students dissected fish heads to explore the structure of gills, and locusts to investigate their internal tracheole system. They then took an even closer look at the tracheoles under the microscope. They have also dissected sheep's hearts, to see how the chambers and valves are involved to keep blood pumping efficiently. Seeing the adaptations up close helps to bring the whole topic to life. But if you'd rather not dissect animal tissue, that's totally fine! You can still demonstrate your new dissection skills using plant material instead.



Something you can look forward to ...

We finish the year with a trip to Branton Burrows, where we explore how sand dune ecosystems develop and change over time. Branton Burrows is an incredible UNESCO Biosphere Reserve, home to rare plant species, fascinating wildlife, and the sun *always* seems to shine when we visit! During the trip, students build their fieldwork skills by learning to identify a range of plant species and discovering how they're adapted to survive in the tough, everchanging conditions of a sand dune environment.

