

Diversity in STEM Teaching



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The GENeSis Genetics Club

Gene Researchers in the Classroom

Testing burgers for horse meat, breakfast bars for nut contamination, and local ticks for Lyme Disease are just a few of the student-led projects explored in the after-school GENeSis Genetics club.

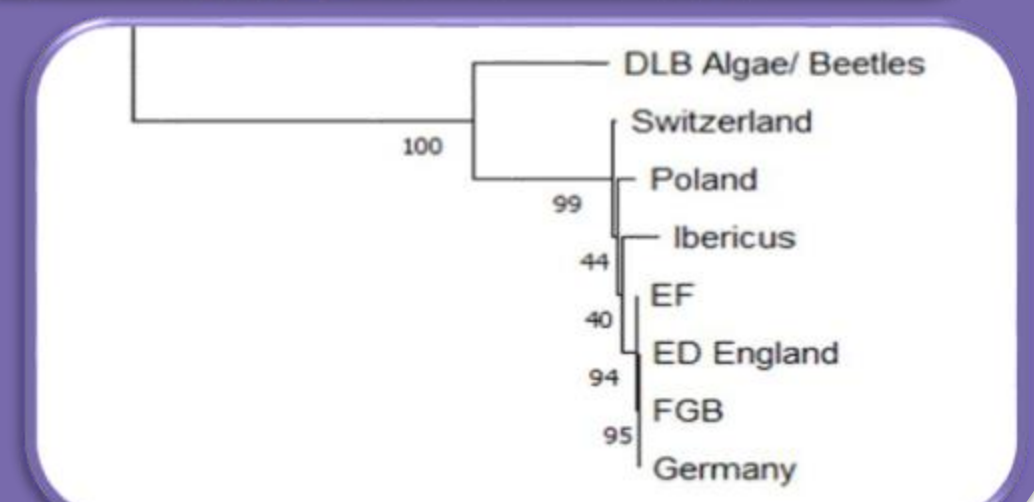
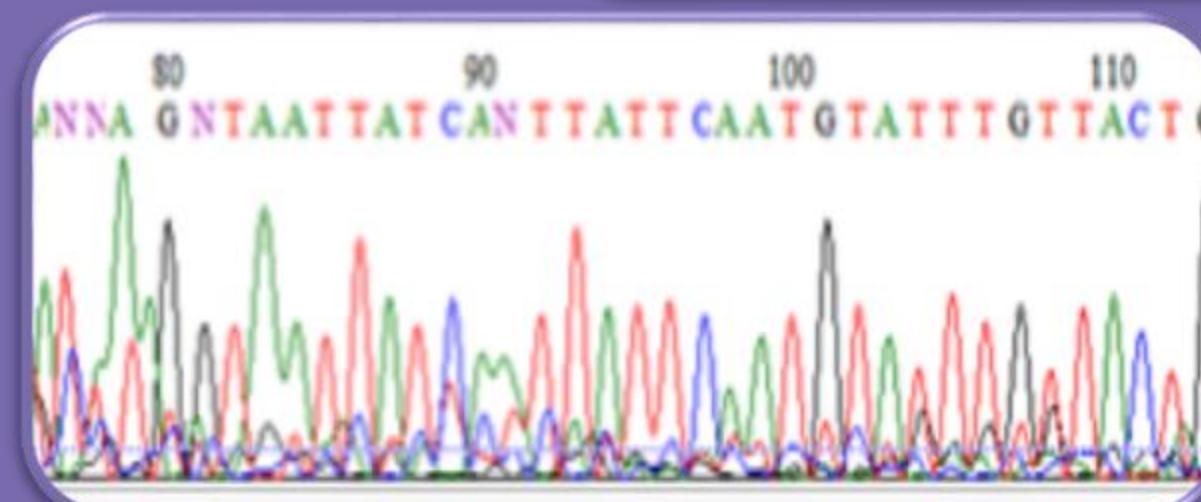
Working in small Research Groups students learn DNA handling skills and techniques.



They then progress to designing, carrying out and presenting their own research projects.



Finally, using DNA sequence data, students explore evolutionary relationships in samples they have collected themselves.



The GENeSis Genetics club started small with a few micropipettes, but it has become a school-based centre for scientific research. It offers students a technical challenge and an insight into a revolutionary technology.