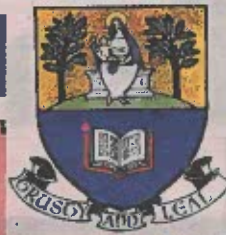


# SCHOOL NOTICEBOARD: SELKIRK HIGH SCHOOL

THE latest from behind the scenes at Selkirk High School...



The Skills for Work National 5 health sector class presented talks to S2 Science classes



**Extracting strawberry DNA**  
 S2 students have been studying genetics, during which they have extracted the DNA from a strawberry. Within the genetics topic, students take on the challenge of learning about chromosomes, karyotypes, and haploid and diploid cells.

**Newton's Rings**  
 Advanced Higher physics students have been studying interference, as a part of which they have undertaken Newton's Rings practical to calculate the wavelength of sodium light. The interference pattern is of concentric dark and light rings, the measurements of which can then be used to obtain a value of wavelength.

**Dyeing project**  
 Science skills students spent last term investigating factors that affect the uptake of different natural fibres. The factors include time, temperature, mass, fibre, mordant and pH.



**Remote3**  
 A team of S1 and S2 students are under way on their mission to Mars. The Remote3 competition, run by the University of Edinburgh, is a national competition to build and

code a Mars Rover Robot through a series of challenges, which will be scored. Selkirk High School's team, The Silly Geese, and their robot God of War (a tip of the hat to the Roman God Mars) are beginning to code their challenges, having built

version 1 of their robot. Testing is underway on the robot's functionality. The Silly Geese will use block coding to code God of War through a number of challenges on a to-scale map of the Boulby Underground Laboratory.

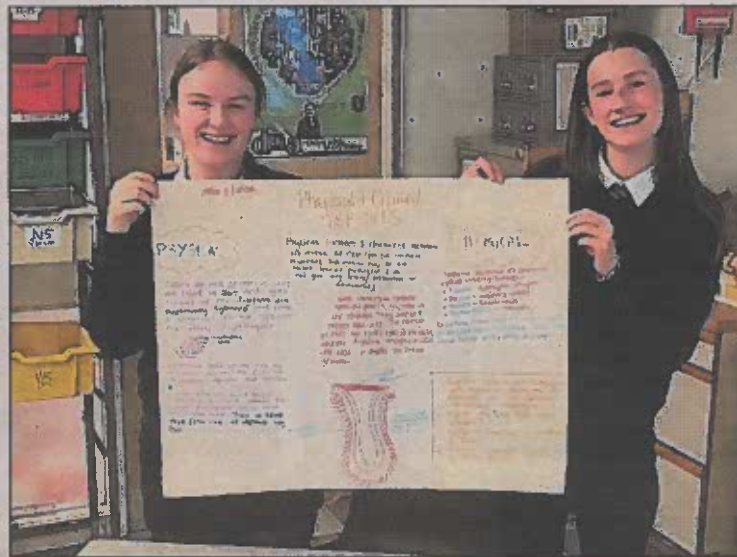
Upon completion, God of War will then begin its journey to Boulby, where it will be scored against the other 11 robots. We have high hopes for The Silly Geese, with each member bringing unique skills to the team. The team consists of Elliott Jewitt, Madison Wakely, Ruairidh Ireland, Alayah McKay, Daniel Vause, and Euan McCulloch.

**Health sector**  
 The Skills for Work National 5 health sector class presented talks to S2 science classes discussing 'Drug Use'. Our S2 science students engaged in class discussions and quizzes during these presentations. Our health sector students delivered well-informed, interesting talks with confidence, displayed excellent teamwork and communication skills.

**Human biology**  
 The Higher human biology class presented talks on the topic of 'immunology'. These talks were informative and engaging. Such confident, enthusiastic biologists.



A team of S1 and S2 students are under way on their mission to Mars



The human biology class presented talks on the topic of 'Immunology'