

SCHOOL NOTICEBOARD: SELKIRK HIGH SCHOOL

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



The horticulture department has been awarded a Tree Council Golden Orchard. Below: The physics students

Sarah Murray of the Biggar U18s

Horticulture

The horticulture department has been awarded a Tree Council Golden Orchard. This comprises of 10 fruit trees to be planted in the school grounds. The award is only available to a select group of school and organisation who have shown outstanding environmental contribution in terms of tree planting and increasing biodiversity in their local area. In the run up to Christmas, the Advanced Higher chemistry class put their new course knowledge of coloured transition metals complexes and different acid-base indicators to creative use and made a "Chemis-tree".

S1 dyes and textiles

S1 have been investigating the dyeing process. They have looked at different natural dyes such as logwood, madder root and tumeric, and different fibres including cotton and sheep's wool. Pupils have also been investigating lots of variables to see how they affect the colour of the fibres - time, mass, temperature - and tried a range of mordants to fix the colours onto the fibres.



Physics

To finish the project, everyone used their amazing coloured fibres in a creative way to make a card or decoration. The pupils also looked at the jobs available in the industry and we are hoping to visit Lochcarron soon to see the whole process brought to life on a large scale.

Advanced Higher physics students spent a day in the Physics Lab at Heriot-Watt University to undertake experiments as a part of their project work. Each student undertakes a project independently on a different

aspect of physics. The students enjoyed using such cutting-edge equipment and presented work on their first experiment to their classmates this week. Topics undertaken this year include capacitance and inductance, gravitational field

strength, refractive index, speed of sound, electrostatics and the wavelength of light.

Microscopy

S1 students have been working on their lab and microscopy skills by preparing and looking at slides in science. They used their iPads to photograph what they saw.

Rugby

Well done to the Selkirk Youth Rugby Club U18 current and former students, who recently made the U18 National Plate Final against Kelso Harlequins. The boys put on a good show and played a hard game with Kelso coming out on top. Congratulations to Sarah Murray who was a member of the Biggar U18 Girls team that beat Stirling County in the National Youth U18 Cup at Murrayfield. Congratulations to Keir Thomson S4 who played for the Edinburgh Reivers recently against the Australian Raptors. Unfortunately, they lost 14-21 but Keir put in a fantastic performance and is a credit to the school and the rugby community.



Keir Thomson



S1 Students have been working on their microscopy skills



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