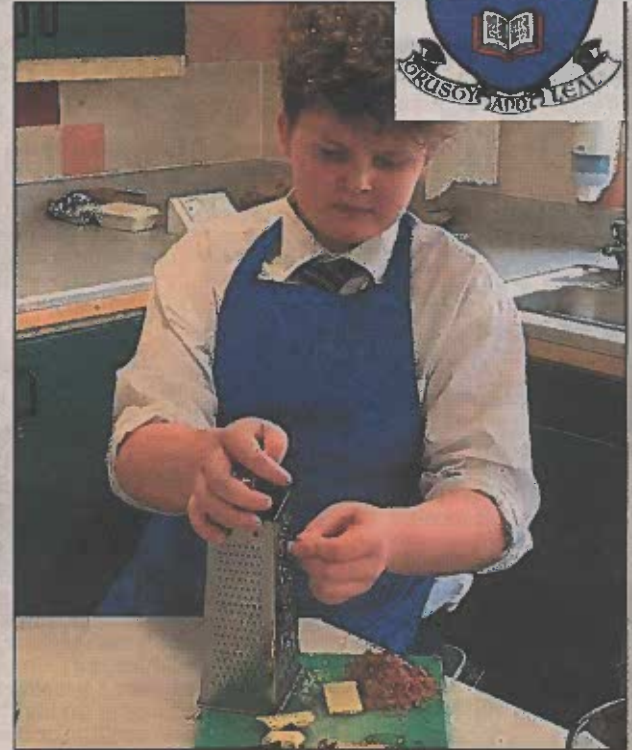


# SCHOOL NOTICEBOARD: SELKIRK HIGH SCHOOL

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



S2 pupils researched the rock cycle through the medium of chocolate



### Esports

On Thursday, April 20, the first Esports tournament was held at Selkirk High School. A total of 32 keen gamers from S1 entered a competition organised and run by senior phase students completing the NPA in Esports (another first for Selkirk). S1 students competed in pairs, representing Ettrick, Tweed and Yarrow as part of the new house competition.

This was a great opportunity for those Esports students to develop planning and organisation skills, along with an understanding of promotions and marketing. The final rounds, which are yet to come, are made up of teams from Yarrow and Tweed. Unfortunately for Ettrick, none of their teams progressed to the final stages. All teams showed great sportsmanship, excellent communication and teamwork - with those working together well progressing.

### Robots

Team Silly Geese, and their robot God of War, are entering the last few weeks of the Remote3 national competition to build and code a Lego Mars rover robot

to complete a series of challenges. Soon the robot will be sent, along with its code, to the Boulby Underground Laboratory (used by space scientists to test equipment), to battle it out against the other teams' robots and hopefully be victorious. The school is so proud of how well the team have been working and can't wait to see how they get on.

### Electromagnetism

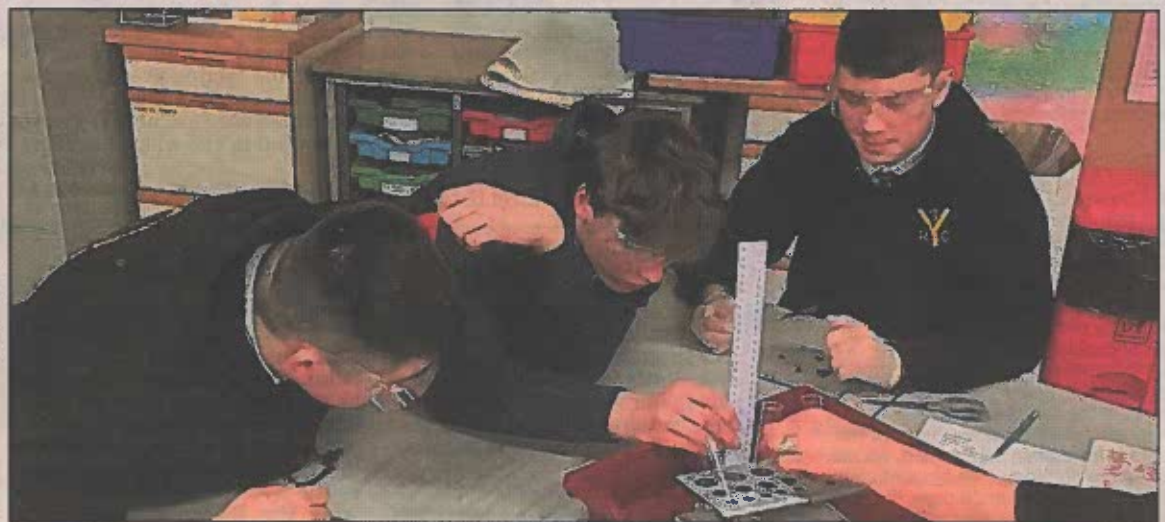
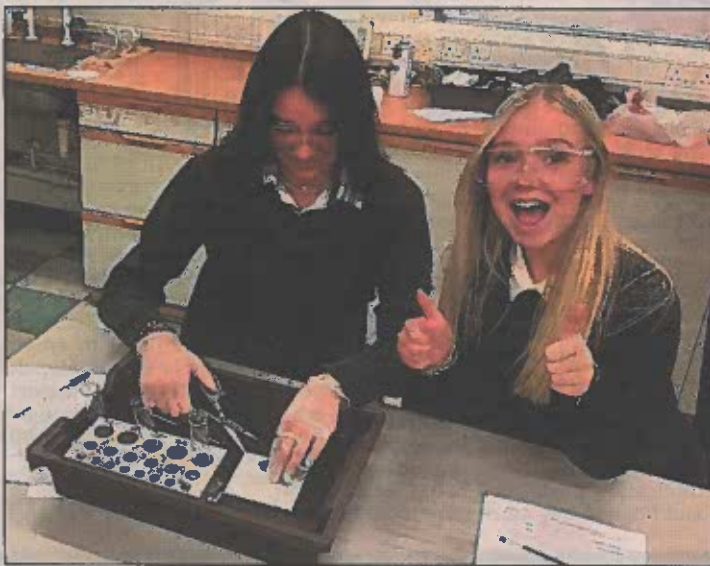
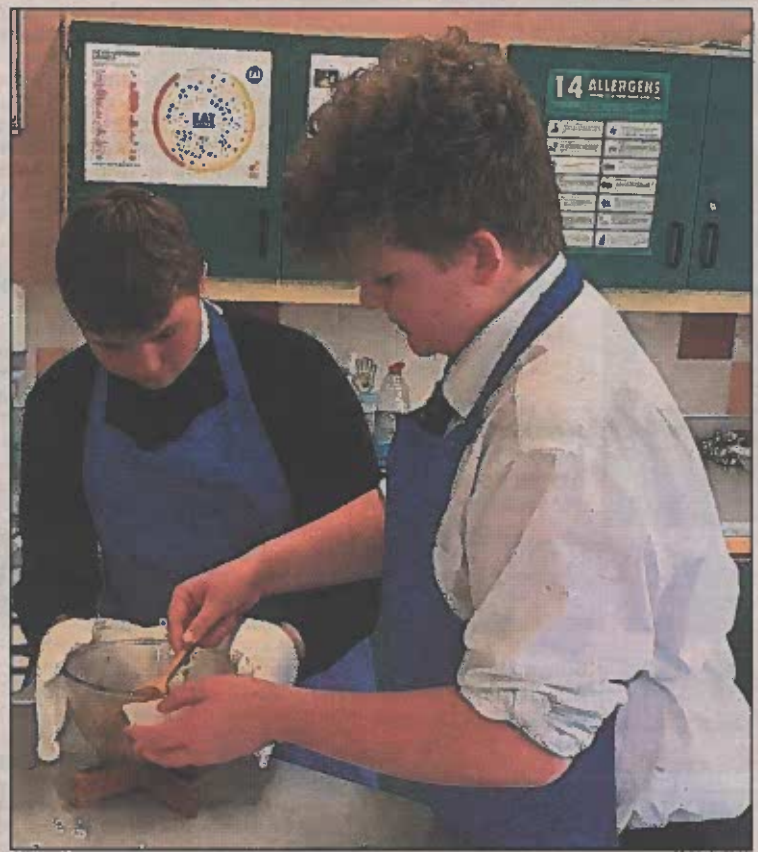
S3 physics students have been journeying through the joys of electromagnetism. Their most recent topic has seen them making and investigating with electromagnets, plotting the magnetic field around a current-carrying wire, learning Fleming's left-hand rule and using it to work out the direction of a magnetic field (and using their iPads to annotate their photographs). They have also seen how all of these things combine to create the electric motor and the generator. They have now ventured into the complexity of sustainable power generation, using what they know

### Science

S2 students have been studying genetics and looking at the different uses of DNA profiling. They also got to see how electrophoresis can be used to obtain DNA profiles and therefore solve the crime of who stole the chocolate. Our S2 scientists were also researching the rock cycle through the medium of.... chocolate! They took part in a cross-curricular event with home economics where they explored science and HE outcomes simultaneously. Students simulated the rock cycle through processes such as weathering, pressure and extreme heat to create sedimentary, metamorphic and, the very tasty igneous rock end product, all whilst discussing food hygiene and using HE equipment safely.

### Health sector

Our health sector students participated in a practical involving management of risk assessment and team work as part of their course assessment.



Health sector students carrying out their work