Campbeltown Grammar School

Fortnightly Update

30th October 2026

Committed to success

Aim High

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Roslin Institute

Our senior Biology pupils recently enjoyed a fantastic opportunity to put their learning into practice during a visit from The Roslin Institute, in collaboration with Mowi.

The sessions gave pupils hands-on experience of laboratory techniques used in scientific research and the aquaculture industry, exploring how biology plays an important role in salmon health and sustainable fish farming.

Our National 5 Biology pupils explored fish anatomy through a salmon dissection and examined gill structures under the microscope. Higher Biology pupils carried out gel electrophoresis, using DNA analysis to investigate which salmon would be most suitable for selective breeding. Meanwhile, Advanced Higher Biology pupils developed their practical laboratory skills by carrying out an assay to investigate salmon health.

It was a brilliant opportunity for pupils to see how the skills and knowledge they develop in the classroom are applied in real-world scientific research and an industry that is particularly relevant to our local area.

A huge thank you to The Roslin Institute and Mowi for providing such engaging and valuable learning experiences for our pupils!















As part of their outdoor learning, class 1.A manged to take advantage of the nicer weather before the end of term and went for a walk and stopped for a spot of reading



S6 held a bake sale last week with loads of lovely treats. They reaised £110, well done! We can't wait for the next one

New School Uniform is now available!

T-shirts and shorts
This can be worn as a mix and match with all of our other school uniform items

Coloured T-shirts for all pupils as per their house groups:

Red: Knockscalbert pupils (reg classes 1.1, 2.1, 3.1, 4.4, 5.4 & 6.4)

Green: Bengullion Pupils (reg classes 1.2, 2.2, 3.2, 4.2, 5.2 & 6.2)

Blue: Kilbrannan pupils (reg classes 1.3, 2.3, 3.3, 4.3, 5.3 & 6.3)

Black t-shirts for S5-S6 pupils


Campbeltown Grammar School Smartflex T-Shirt Black/Emerald


Campbeltown Grammar School Smartflex T-Shirt Black/Red


Campbeltown Grammar School Smartflex T-Shirt Navy/Sky


Campbeltown Grammar School Ladies T-Shirt Black


Campbeltown Grammar School T-Shirt Black


Campbeltown Grammar School Ladies Double Layer Shorts Black


Campbeltown Grammar School Smartflex Shorts Black

Sports and Recreation National 5 Class

After the October break, students in the National 5 Sports and Recreation class had the opportunity to take part in a two-day tennis programme, held at Campbeltown Tennis Courts.

The Tennis Leaders Course is an LTA-accredited leadership programme for young people aged 11-18. The course introduces participants to the fundamentals of coaching, supporting competitions, assisting at tennis venues, and developing important life skills such as communication, leadership and teamwork.

The programme was delivered over two days:

- Monday 19 October: Students participated in the LTA Tennis Leaders Course, which was delivered by LTA Professional Coach Colin Hanbidge.
- Wednesday 21 October: Students put their newly acquired skills into practice by planning and delivering a tennis session for Primary 7 pupils from Castlehill Primary School.

The experience provided students with an excellent opportunity to develop their leadership abilities, build confidence and gain practical coaching experience while supporting younger pupils in the local community. The programme was thoroughly enjoyed by all involved and highlighted the positive impact of sport in developing valuable skills for learning, life and work.

Thank you to Lindsay Ramsay at Active Schools for helping to arrange this course for the students. The students would also like to extend their sincere thanks to Colin Hanbidge for giving up his time to deliver the course and support them throughout the programme. His expertise, enthusiasm and commitment helped make the experience both enjoyable and valuable for everyone involved.







Big Thanks

Thank you to Tesco Campbeltown staff for the amazing donation of stationery they dropped off with us this week! This is only a small selection of items they donated, everything will be shared out throughout the school and put to very good use.







Spooky vibes in the Art and Design and Health and Food Technology departments this week!





The start of our supported study sessions are advertised below.
Pupils, parents and carers can keep up to date with all supported study on our school website

NATIONAL 5 MATHS

SUPPORTED STUDY

WEDNESDAYS | LUNCHTIME | 1.30PM | ROOM 2.15

Target the topics that make the difference. Come along for focused Higher Maths practice and support

21st October	**Straight line** Find the equation given two points
28th October	**Straight line** Rearrange to find the gradient/y-intercept
4th November	**Volume** Non calculator focus
11th November	**Fractions**
18th November	**Reverse percentage change**
25th November	**Indices**

Bring your notes, questions and calculator

Build confidence ● Practise key skills ● Get ready for assessements

HIGHER MATHS

SUPPORTED STUDY

TUESDAYS | LUNCHTIME | 1.30PM | ROOM 2.15

Target the topics that make the difference. Come along for focused Higher Maths practice and support

20th October	**Differentiaion of expressions** Preparation required
27th October	**Differentiaion of expressions** Preparation required
3rd November	**Straight line**
10th November	**Complete the square**
17th November	**Solving the trigonometric equations with multiple angles**
24th November	**Using the discriminant to find unknown coefficients**

Bring your notes, questions and calculator

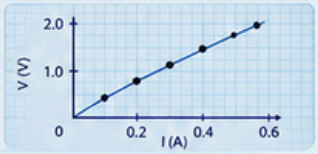
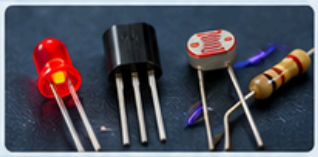
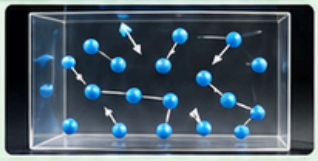
Build confidence ● Practise key skills ● Get ready for assessements



Campbeltown Grammar School

National 5 Physics Supported Study



Session 1	Thursday 29 October 3.45pm – 4.45pm	**Electricity: Current, Charge, AC/DC, Voltage and Electric Fields** • Current, charge and calculations • AC and DC • Potential difference and electric fields	
Session 2	Thursday 5 November 3.45pm – 4.45pm	**Electricity: Ohm's Law, Resistance and V–I Graphs** • $V = IR$ and calculations • V–I graphs and resistance • Ohmic and non-ohmic behaviour	
Session 3	Thursday 12 November 3.45pm – 4.45pm	**Electricity: Series and Parallel Circuits** • Current and voltage rules • Total resistance • Combination circuits and calculations	
Session 4	Thursday 19 November 3.45pm – 4.45pm	**Electricity: Components, Electronic Circuits and Switching Circuits** • Component symbols, functions and applications • Diodes, LEDs, thermistors, LDRs, transistors and MOSFETs • Switching and control circuits	
Session 5	Thursday 26 November 3.45pm – 4.45pm	**Electricity: Electrical Power, Energy and Consolidation** • Power and energy calculations • Effect of potential difference and resistance • Fuse selection (3 A and 13 A) and mixed practice	
Session 6	Thursday 3 December 3.45pm – 4.45pm	**Properties of Matter: Specific Heat Capacity and Specific Latent Heat** • Heating and temperature change ($E = cm\Delta T$) • Change of state ($E = ml$) • Combined thermal calculations and experiments	
Session 7	Thursday 10 December 3.45pm – 4.45pm	**Properties of Matter: Pressure, Kelvin and the Kinetic Model** • Pressure and $p = F/A$ • Kinetic model of gases • Celsius/Kelvin conversion and gas relationships	
Session 8	Thursday 17 December 3.45pm – 4.45pm	**Properties of Matter: Gas-Law Calculations, Experiments and Consolidation** • $p_1V_1 = p_2V_2$, $p_1/T_1 = p_2/T_2$, $V_1/T_1 = V_2/T_2$ • Boyle's law, pressure–temperature and volume–temperature • Mixed practice and final consolidation	

NATIONAL 5 CHEMISTRY SUPPORTED STUDY





Thursday lunchtimes
13:30-14:05 with Miss Semple

29/10	Rate Of Reaction
5/11	Atomic Structure
12/11	Bonding
19/11	Chemical Formula
26/11	Mole Calculations
3/12	Acids and Bases
10/12	Titrations
17/12	Titration Calculations





Campbeltown Grammar School

Higher Physics Supported Study

OUR DYNAMIC UNIVERSE

Wednesdays • 3.45–4.45 pm • 28 October to 16 December 2026

1	**Wednesday 28 October**	**Motion equations and graphs** • Distance, displacement, speed, velocity and acceleration; constant-acceleration equations and changes of direction. • Interpret linked motion graphs, including vertical throws and bouncing objects; use gradients and areas. • Describe an experiment to measure acceleration down a slope
2	Wednesday 4 November	**Forces and motion** • Newton's first and second laws; balanced and unbalanced forces, friction, terminal velocity and falling-object graphs. • Vector addition and resolution; free body diagrams, weight components on slopes and tension. • Guided practice: identify forces, resolve components and calculate the resultant force and acceleration.
3	Wednesday 11 November	**Energy and power** • Work done, gravitational potential energy, kinetic energy and power calculations. • Conservation of energy, including energy transferred against friction. • Guided practice: track energy transfers and solve problems linking forces, energy and power.
4	Wednesday 18 November	**Collisions explosions and impulse** • Conservation of momentum in one dimension; collisions, explosions and Newton's third law. • Compare total kinetic energy before and after elastic and inelastic collisions and explosions. • Impulse and change in momentum; force-time graphs, average force and interaction time.
5	Wednesday 25 November	**Gravitation** • Describe an experiment to measure the acceleration of a falling object. • Independent horizontal and vertical motion; resolve launch velocity and solve projectile problems. • Satellites in free fall; Newton's law of universal gravitation and separation between centres.
6	Wednesday 2 December	**Special relativity** • The speed of light in a vacuum is the same for all observers. • Explain time dilation and length contraction; identify the relevant observer and measurements. • Use the time dilation and length contraction relationships, including solving for speed.
7	Wednesday 9 December	**The expanding Universe Doppler effect and redshift** • Doppler shifts in sound and light; observed frequency calculations for moving sound sources. • Redshift, emitted and observed wavelengths, and recessional velocity calculations. • Hubble-Lemaître law; galaxy velocity and distance, expansion and estimating the age of the Universe.
8	Wednesday 16 December	**The expanding Universe evidence and explanations** • Galaxy masses and orbital speeds as evidence for dark matter; accelerating expansion as evidence for dark energy. • Hotter stars: shorter peak wavelength and more radiation emitted per unit area per unit time. • Big Bang evidence: cosmic microwave background, hydrogen and helium abundance, Olbers' paradox and galaxy redshifts.

Bring your calculator, Higher Physics relationship sheet and any questions you would like help with.

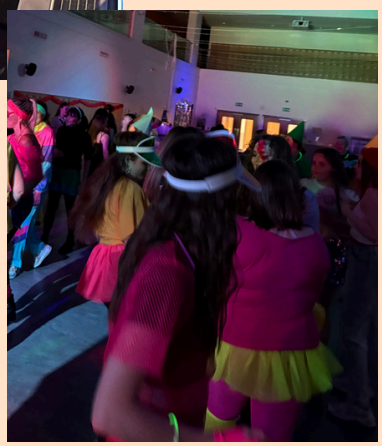








Halloween Dance!









Dates for your Diary



S2 Parents Evening	3rd November	5.00pm - 7.00pm
CGS Engineering Awareness Day	6th November	All pupils will have a chance to visit the presentations during the day
Gallery Opening	12th November	Information to follow
Staff In-Service Day	23rd November	Pupils return to school on Tuesday 24th November