



JAMES HAMILTON ACADEMY

Parents' Bulletin

Summer's here
Get ready for



The

James Hamilton Academy

SUMMER SHOWCASE



James Hamilton Academy is pleased to announce details of its Summer Showcase organised by Miss Ramsay of the PE/Music Department.

Pupils have been working hard on their rehearsals as can be seen from the photographs below and a variety of music will be performed on the night including songs from that well known musical 'Les Misérables'. Performances will also include the vocal group, a vocal trio and piano, guitar and clarinet solos.

Please come along and enjoy seeing and hearing the range of talented musicians within James Hamilton Academy.

Tickets are now available from the office.



The vocal group rehearse one of their pieces 'Shine Your Way'



The Vocal Trio - Jordan Stewart, Lewis MacNee, William Gilmour - appear relaxed about their involvement

Soloists include:



Abigail Hetherington-Cree performing a clarinet solo



Lucas Cuthbert performing a piano solo



William Gilmour performing a guitar solo

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- *Dates for your Diary*
- *Note: Data form issued for completion /return by Monday 20 June*

James Hamilton Academy
Summer Showcase

Wednesday 22nd June 2016
7pm

Tickets available from
the school office £4.50





Focus on STEM (Science, Technology, Engineering, Maths)

S2 Interdisciplinary Project > Transport theme

S2 Queensferry Crossing Excursion > May 2016

During the week beginning 9 May all S2 pupils were involved in a special project relating to Science, Technology, Engineering and Maths with a focus on transport. Pupils studied various aspects of this in all their subject departments throughout the week.

Here are some examples of their good work produced at the end of the week for the final. A summary of the tasks undertaken in each department is attached.

S2 pupils had a very enjoyable and interesting educational excursion when they visited the Queensferry Crossing in May. Pupils learned about design and construction in relation to the new bridge as well as practising their teamwork skills. Details of the activities are noted below:



Judges from Kier Construction are introduced to the S2 yeargroup



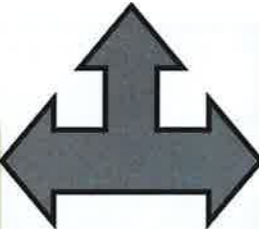
Digital Media



S2 pupils listen to advice about 'working as a team'. This is followed by planning how to construct a bridge from doweling and elastic bands.



Pupils start by constructing a 'tetrahedron', where all the vertices are the same distance from each other. This will become the support columns.



Pupils show off their work in the final at the end of the week.



Maths



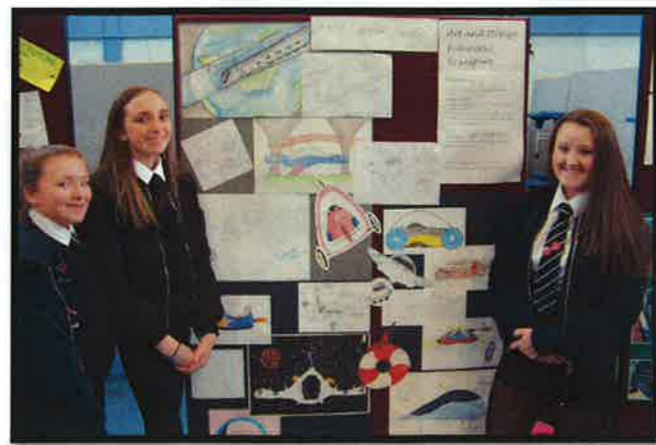
More columns are added and the structure becomes larger and larger



Now the bridge decking is being fabricated and put in place to join the columns



Pupils discuss their work with the judges



And the winning department for best work of the week went to : **Art, Design and Food Technology**

Next Steps:

It is intended that pupils will be involved in a civil engineering project around September supported by Kier Construction.



This excursion was organised by the Technical Education department as the knowledge and skills learned on the day link to pupil coursework in that subject.



Bridge completed. It stands tall and is approximately 15 metres long and 3 metres high.

It's a thumbs up from the S2 pupils. Excellent teamwork!



Enjoying the sun at Alton Towers



The group enjoying the sun



The bravest pupils take to the ride

S3 pupils enjoyed a day out at Alton Towers on 12 May. 33 pupils attended supported by 5 staff led by Miss Harvey. This trip was available as a reward to pupils for good conduct and attendance over the session in line with the whole school Rewards Policy.

S2 pupils also had a great experience when they attended Lightwater Valley on Thursday 1 June as their yeargroup Rewards trip.



and in Paris (it rained!)



40 pupils went on an excursion to Paris in June and enjoyed visiting all the places of interest including the Arc de Triomphe, Eiffel Tower and the famous avenue 'les Champs Elysées.' They also went on a cruise on the river Seine on one of the days when the river was not too swollen after heavy rain.

On the final day pupils had a fantastic time at Disneyland Paris!

Pupils need their umbrellas in rain soaked Paris!

'O' Factor

James Hamilton Academy has just been recognised as Best Secondary School in East Ayrshire for Excellence in Outdoor Learning. This award recognises the many experiences provided by the school to support pupils to appreciate the natural world, to work with others in physically demanding challenges and to contribute as young citizens to their local community.



Dates for your Diary

- 22 June School Show
- 30 June School Closes

STEM

(Science, Technology, Engineering, Maths)

S2 Interdisciplinary Project > Transport theme

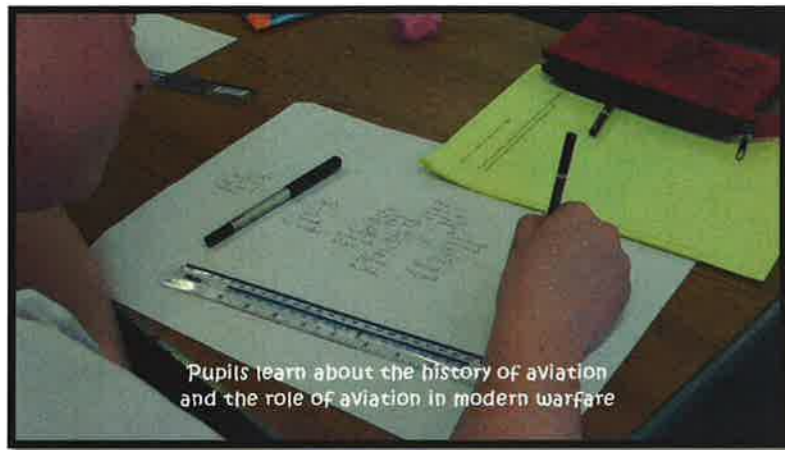
Pupils work on their departmental tasks. PE/Music produced an excellent film showing pupils (and staff) covering 500 miles via various forms of activity including running, walking, skipping etc.



The work begins in Social Subjects/RE



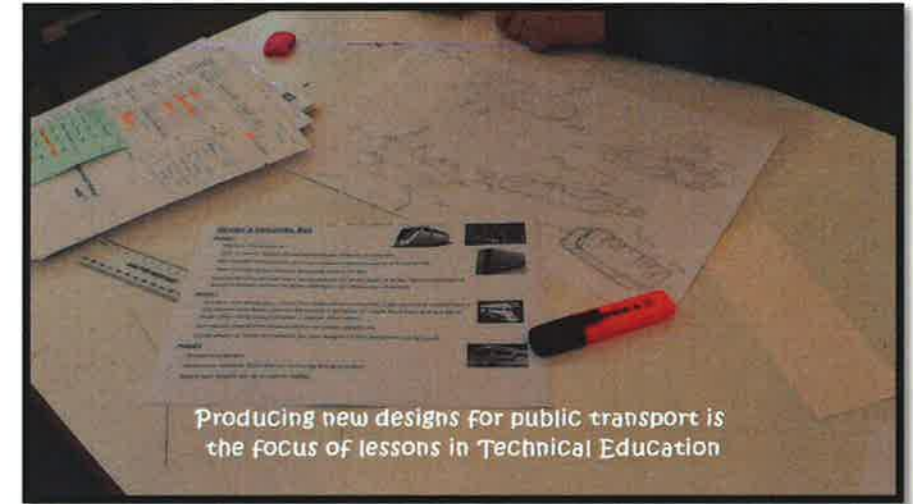
Fashion & Textiles Technology pupils create exciting pattern designs suitable for use on public transport



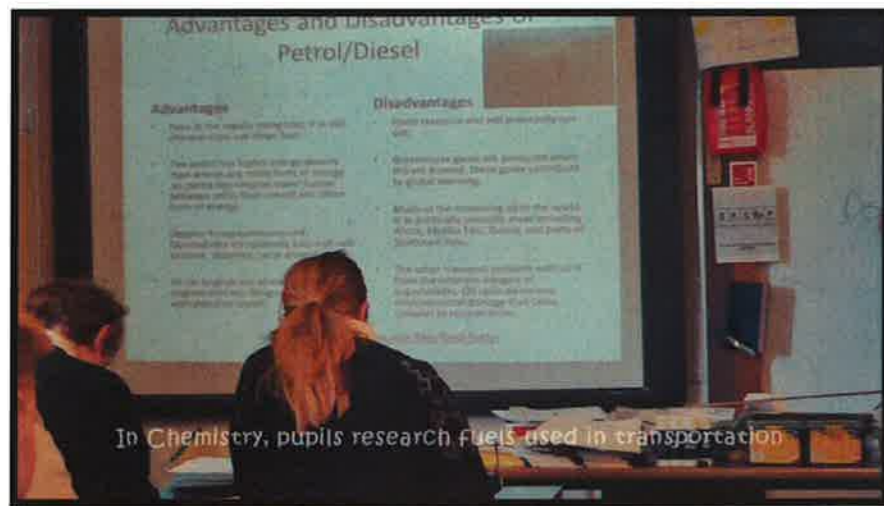
Pupils learn about the history of aviation and the role of aviation in modern warfare



Pupils design transportation crates for animals in Biology



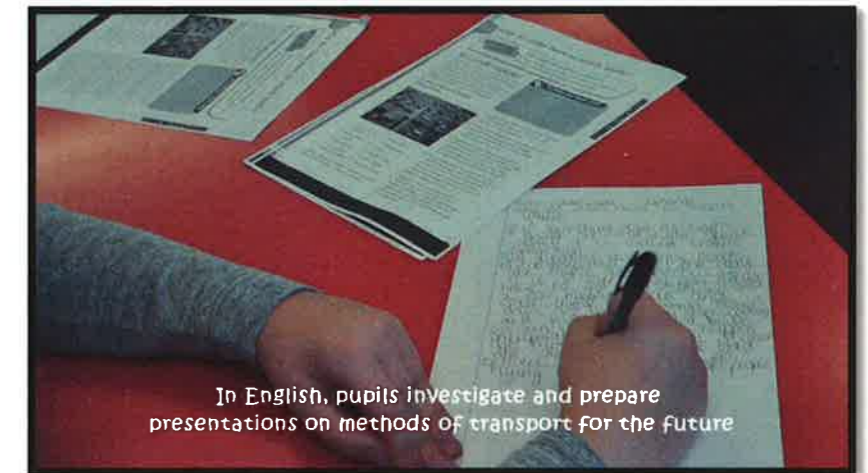
Producing new designs for public transport is the focus of lessons in Technical Education



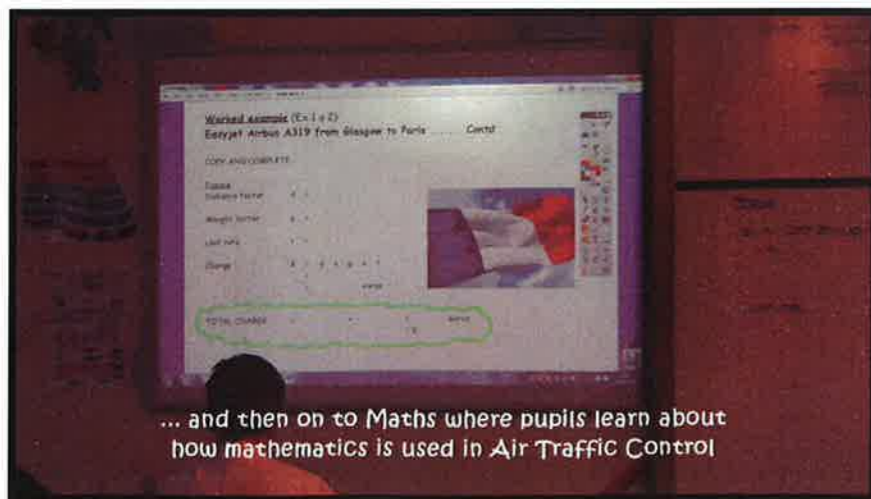
In Chemistry, pupils research fuels used in transportation



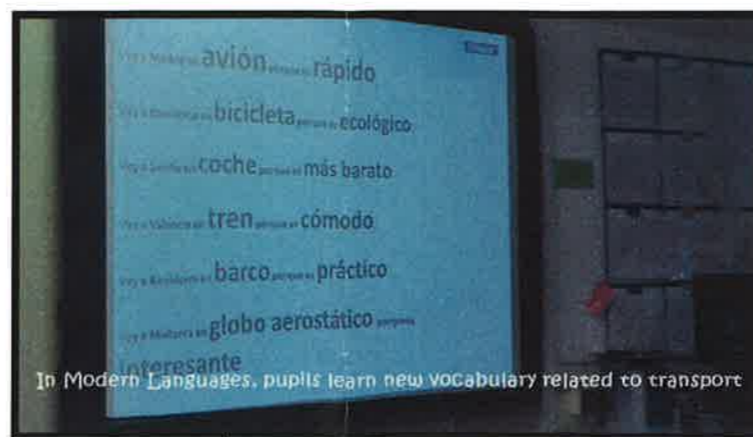
Digital Media pupils take part in a Photography challenge in response to the transport theme



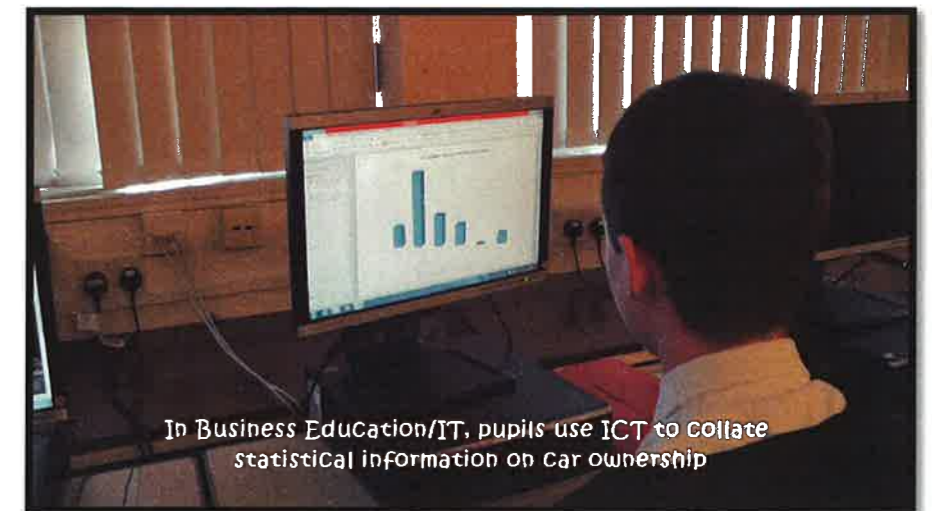
In English, pupils investigate and prepare presentations on methods of transport for the future



... and then on to Maths where pupils learn about how mathematics is used in Air Traffic Control



In Modern Languages, pupils learn new vocabulary related to transport



In Business Education/IT, pupils use ICT to collate statistical information on car ownership