



Motorsport Trip Organisers Pack

Visit to University of Bolton National Centre for Motorsport Engineering

The Motorsport industry is a niche, and an expensive sector to compete and attend in. There is often an interest in the motorsport sector and Engineering courses from our learners but knowing how to get into this as a career for learners seems to be quite difficult. The trip tackles this barrier by visiting a specialised facility at a university where the courses are aimed at the Motorsport Engineering sector. This trip includes workshops in Electronics, Materials, a tour of the facilities, and an opportunity to ask lecturers/students about specific courses and HE.

Rationale

The rationale for this trip was developed after outreach practitioner experience communicating with learners on multiple occasions. These learners expressed a passion for motorsport but were unsure of the pathway to consider this as a career.

Core Aims & Objectives:

- Engage learners Years 10-12 who have an interest in the Motorsport industry.
- Learners will develop new skills, apply existing skills to new tasks, and challenge their existing skill-sets (such as participating in workshops at a level higher than their current educational level).
- Learners will have increased their individual confidence and developed positivity towards their future.
- The intervention activity will increase a learner's academic, social, cultural capital in relation to new environments.
- Learners will have meaningful interactions with HE Alumni through individual face-to-face contact with a University graduate. The rationale for this is that in the local CFE dataset only a third of Cumbrian learners said that they knew someone who has been to University.
- The intervention aims to increase the likelihood of individual target learner progression to HE or a degree apprenticeship.

Planning the trip...

This section provides the details of the various landmarks and locations for the destinations used on this trip. This page can be used to assess the potential costs associated with running this trip, such as coach costs and lunch prices.



Address - Deane Road Bolton, BL3 5AB, United Kingdom

There is currently no direct link to the facility but here is the home page to the **University of Bolton** - https://www.bolton.ac.uk/

Who to contact...

Rebecca Pollard - Administrator for National Centre Motorsport Engineering at the

University of Bolton

Email address: R.Pollard@bolton.ac.uk

Contact Number: 01204 903100

Generic contact details for the facility

Reception: 01204 900 600

Email address: schoolsandcolleges@bolton.ac.uk

Costs to consider... Below we have included an example of expenditure when this trip was arranged in the 2019/20 academic year

Item	Description	Cost
Coach from Furness to Bolton	16 Seater mini coach	£320.00
Coach from Carlisle to Bolton	16 Seater mini coach	£300.00
Lunch	Sandwiches, fruit, crisps & water	£46.31

		1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
	Total Spend	£716.31



Planning the trip...

Timetable

Here is an example timetable which was used in February 2020. A blank timetable is included in this pack for you to plan your own day.

Time	Activity	Description
10:00-10:30	Arrival & Welcome	An opportunity to look/sit in cars
10:30-12:00	Electronics Workshop	A practical workshop
12:00-12:45	Tour	A look around workshops and facilities
12:45-13:15	Lunch	
13:15- 14:00	Materials Workshop	Explore materials used by the university
14:00-14:45	Wind Tunnel	A chance to see the wind tunnel in use
14:45-15:00	Q&A	Lecturers and graduates present

Use the following organisers checklist to track your planning process. In the rest of this pack, we have included templates for registers and timetables as well as examples of evaluation tools, risk assessments and discussion points.



Crganisers Checklist... Transport arranged University of Bolton booked Timetable completed Student register and emergency contacts completed Risk assessment completed Evaluation tools planned

Discussion points...



Below we've included some questions that were asked on the day and discussion points that took place on the bus. These are highlighted themes/conversations and questions which stood out form the trip that we ran in February 2020.

What's the difference in aerodynamic capabilities of a race car and a normal road car?

What motorsport events to University of Bolton contribute to?

How does the wind tunnel work and what is its main purpose?

One of our main activities of the day was understanding the principles of Electronics. The learners took part in a practical experiment of this and gained knowledge on this topic.

We spoke to an Ambassador about higher education courses, life as a student at university, and placement options.

When you walk in the facility,
you are met with some
fascinating and rare cars. We
were able to sit in two
Mclarens's, and the learners
were thrilled by this and the
general setting.

Register Template

Learner Name	Learner Contact Number	Emergency Contact Name	Emergency Contact Number	Medical/Disability Information

Risk Assessment considerations...

Below we have listed some of the considerations to take into account when conducting your risk assessment or the trip. These were some of the considerations most unique to the trip. It is worth noting that this is not the full risk assessment for this trip that Hello Future used, but these are the more 'unique' health and safety considerations for the trip.

Hazard	List of controls, safety procedures
Equipment at the University of Bolton	We will be having some workshops where learners will practically get hands-on experience with electrical equipment such as small batteries and the wind tunnel. A member of staff from the University of Bolton will demonstrate how to use these properly and safely. Must be vigilant.
Changes in flooring type and level; including escalators, lifts, plinths and stands at low level that could be tripped over.	Initial briefing for learners to be mindful of their surroundings at the start of the event. Identify anyone who may need assistance, particularly during changes in floor level.
Fire Safety	In the event of a fire alarm, a member of the university staff will escort the group to the evacuation point. Staff are responsible for keeping the group together.
Early arrival at the university - noted as the University is by a busy main road and there is a lot of expensive and potentially dangerous equipment if used incorrectly on site.	In the event of early arrival, sign in at the University's main reception where a member of staff will meet us and escort us to register at the event venue.
Overcrowding and confined space	As it is a university campus, it will be very lively and busy, with lots of staff and students on site. During the tour, we will see the facility in full and so all staff need to remain vigilant on the group. The workshops there will only be us in the rooms so here there shouldn't be an issue.
Inadequate Supervision	Organising staff responsible for the supervision of learners for the duration of the trip. Check the number of learners boarding the coach at pick up and drop off points, and on entering and leaving the event.

Trip Timetable



Below we've included an example of the timetable used on the day. We have also included a blank timetable on the next page for your input.

Time	Activity	Description
10:00	Arrival	Car park at rear of building
10:10-30	Welcome talk, look at the cars in main gallery	Sit down on tables/space provided. A chance to look at the cars.
10:30-12:00	Electronics workshop	Practical workshop using batteries to understand principles of electricity.
12:00-12:45	Tour	See the classrooms, study space, workshop rooms and the garage where cars are worked on by students.
12:45-13:15	Lunch	Vouchers from supermarket used - water, sandwiches, fruit and crisps.
13:15-14:00	Materials workshop/talk to careers member of staff	Learn about materials used on the campus - e.g. carbon fiber. Also spoke to careers advisor about HE and costs of rent etc.
14:00-14:45	Wind Tunnel workshop	See the wind tunnel in use and learn about the principles of aerodynamics.
14:45-15:00	Student Q&A	Chance for learners to ask lecturers about Courses, Careers and HE life.
15:00	Departure	Ensure all learners have belongings Register check.

Timetable Template



Time	Activity	Description





For more information:

E: hellofuture@cumbria.ac.uk

T: 01228 634 760







f @hellofutureccop