



Midlothian Primary School Careers Event – Employers on the day

See below the range of employers attending on the day and the activities pupils will be able to do at their stands.

	<p>Who: Developing the Young Workforce (DYW)</p> <p>DYW Edinburgh, Midlothian & East Lothian play a key part in the delivery of the Young Person’s Guarantee and support young people to prepare for the world of work. Employer-led, it’s DYW’s priority to make it easier for employers to connect with schools and colleges across the area. Through DYW, employers can provide opportunities for young people to help them understand and develop the skills they need to succeed.</p>
	<p>Industry/Sector: Education/Employability</p>
	<p>What will pupils see/do at this stand? Pupils will play a card-like game, matching up skills with careers.</p>

	<p>Who: Scottish Fire and Rescue Service</p>
	<p>Industry/Sector: Emergency Services</p>
	<p>What will pupils see/do at this stand? Pupils will learn about the different roles within the Scottish Fire and Rescue Service, and get to see fire gear and different pieces of equipment used by firefighter’s every day (e.g., Breathing Apparatus Set).</p>

GRAHAM + SIBBALD

Who: Graham + Sibbald

Graham + Sibbald employ more than 250 people over 21 locations, and serve the local and national property needs of their clients. They attract and develop the best people in the industry, challenging them to develop enduring client relationships built on sound advice, collaboration and trust. Their people use their expertise, networks and connections to respond to their clients' needs and deliver the outcomes they demand.

Industry/Sector:

Property

What will pupils see/do at this stand?

Pupils will test surveying equipment and learn about disto and damp metres.



Who: Police Scotland

Industry/Sector:

Emergency Services

What will pupils see/do at this stand?

Pupils will interact with 2 experienced police officers learning about what they do, what others do locally and the many different career paths within the force. There will be a police van to allow the children sit in or have a look within the van showing them what kit is used and what they are used for.



Who: Quality Meat Scotland (QMS)



The public body responsible for helping the Scottish red meat sector improve its efficiency, sustainability, integrity and profitability and maximise its contribution to Scotland's economy. Internationally recognised and approved assurance schemes cover over 90% of livestock farmed for red meat in Scotland. With centuries of tradition behind them, Scottish red meat farmers pride themselves on meeting the very highest standards demanded by modern consumers.

Industry/Sector:


Agriculture


What will pupils see/do at this stand?

Pupils will be able to make burgers using QMS Scotch Beef.


 	Who: RAiSE/Midlothian Council (Raising Aspirations in STEM Education)
	Industry/Sector: STEM
	What will pupils see/do at this stand? Pupils will learn more about different STEM careers and take part in a 'Magnificent Microscopes' activity.


	Who: Play Midlothian A Midlothian based children's charity concerned with increasing opportunities for play and raising play's profile as a fundamental right and essential part of every child's life. They work with schools, families and children in their local communities. Play Midlothian believe children need to be given opportunities to play in their own ways for their own reasons; it's the brain's favourite way to grow and learn.
	Industry/Sector: Third Sector
	What will pupils see/do at this stand? The stand will be like one of Play Midlothian's Out2Play sessions. Pupils will get a chance to experience the play session from the perspective of the children that join in and the perspective of the playworker. A playworker and Play lead will be there to support the play, demonstrate the playworker approach and talk about what the job is like day to day. The Play lead can also answer questions about pathways into this line of work and how careers can progress.

	Who: Strawbees Strawbees is an award-winning Swedish Edtech company here to inspire the next generation of inventors. Strawbees firmly believe that creativity knows no bounds, with Strawbees you can dream, create, learn and repeat!
	Industry/Sector: STEM
	What will pupils see/do at this stand? Pupils will experiment with our flexible building kit to create crazy inventions!

	<p>Who: Let's Do Engineering</p> <p>Let's do Engineering Ltd is a STEM engagement company developing fun and educational activities and resources for use in schools and nurseries, or at home by families, to introduce engineering and tackle stereotypes about engineering.</p>
	<p>Industry/Sector: STEM, Education</p>
	<p>What will pupils see/do at this stand? Pupils will be asked their perceptions and understandings of engineering and what engineers do, then talk and see a range of engineer role models. They can also take part in an engineering challenge task.</p>


	<p>Who: Mining Institute of Scotland Trust</p> <p>Consulting mining engineers and geologists.</p>
	<p>Industry/Sector: Mining materials and geology, STEM</p>
	<p>What will pupils see/do at this stand? Pupils will learn about the role of mined minerals in current technologies, learn how to identify minerals with a geologist and have a go at gold panning.</p>

	<p>Who: National Mining Museum Scotland (NMMS)</p> <p>Where the Careers Event is based! NMMS is a 5 star visitor attraction based at the Lady Victoria Colliery in Newtongrange, Midlothian. The Colliery opened in 1895 and closed in 1981, shortly afterwards becoming a Museum. It's home to a collection spanning Scotland's coal mining history and heritage.</p>
	<p>Industry/Sector: Museum, Heritage and Tourism</p>
	<p>What will pupils see/do at this stand? Pupils will be able to see images of pests/potential samples of insects caught in Museum's traps, and see the traps to understand how they work. Pupils will see and handle some Museum objects (children to wear vinyl gloves if handling the objects), check the objects for damage and talk about what they have discovered or write discoveries down on a Damage Record Sheet (one side of A4 paper).</p>

	<p>Who: Institution of Civil Engineers (ICE)</p> <p>The Institution of Civil Engineers promotes and advances civil engineering around the globe. Their members are the civil engineers that design and build the world around you; the roads and railways, schools, offices, hospitals, water and power supplies, the kinds of things that we take for granted but would find life very hard to live without. Civil engineers are at the forefront of the fight against the effects of climate change, working to create a more sustainable future for us all.</p>
	<p>Industry/Sector:</p> <p>Civil Engineering and Infrastructure, STEM</p>
	<p>What will pupils see/do at this stand?</p> <p>Could you help save the Leaning Tower of Pisa? Work with the Institution of Civil Engineers to see if you can stabilise the famous tower.</p>

	<p>Who: ICR Vets</p> <p>Local veterinary surgeons providing excellent care for your pets throughout Midlothian.</p>
	<p>Industry/Sector:</p> <p>Veterinary, STEM</p>
	<p>What will pupils see/do at this stand?</p> <p>We will have a microscope with bugs to look at, a few games to play and a dog called Jura to have a listen to her heart and give her a pat!</p>

	<p>Who: Dalkeith Electrics</p> <p>Midlothian electricians, working on houses, offices, shops and factories.</p>
	<p>Industry/Sector:</p> <p>Built environment, STEM</p>
	<p>What will pupils see/do at this stand?</p> <p>Pupils will screw cable into connectors which will then be tested, and then power up a bulb and switching via the internet.</p>

	<p>Who: Vattenfall</p> <p>Vattenfall is a European energy company with approximately 20,000 employees. For more than 100 years they have electrified industries, supplied energy to people's homes and modernised our way of living through innovation and cooperation. They are working for fossil freedom.</p>
	<p>Industry/Sector: Utilities, STEM</p>
	<p>What will pupils see/do at this stand? We will offer pupils and insight into district heating and how it is distributed to a home. We will also demonstrate how heat is retained using various insulation methods, this will be demonstrated by the use of an IR camera.</p>

	<p>Who: Dalkeith Arts</p> <p>Dalkeith Arts is a community of artists who enjoy creating and exhibiting and selling their art.</p>
	<p>Industry/Sector: Arts, Creative and Culture</p>
	<p>What will pupils see/do at this stand? Pupils will view a variety of recently created artworks and have an opportunity to try out some art.</p>

	<p>Who: Ida Ramic</p> <p>Ida is a Children's Book Illustrator with education and experience from around the world. She makes bold, colourful imagery that inspires, educates and entertains.</p>
	<p>Industry/Sector: Creative</p>
	<p>What will pupils see/do at this stand? Hear about job opportunities within the Creative Industries, get to design a main character for a picture book and participate in other creative activities such as colouring.</p>



Bright
Green
Hydrogen

Who: Bright Green Hydrogen

Bright Green Hydrogen are a Fife based non-profit organisation who provide renewable energy educational workshops in Fife and beyond. They cover all types of renewable energy, as well as green hydrogen, workshops with bespoke interactive kits which allow pupils to experience experimenting with energy in a fun and engaging way. They work with all ages from nursery to university level. They also provide opportunities for visits to Fife Renewables Energy Centre where visitors can see our wind turbine, Poppy, and our micro-grid system which powers the centre.

Industry/Sector:

STEM

What will pupils see/do at this stand?

Pupils will learn about electrolysis of deionised water and use the hydrogen and oxygen in a fuel cell to power a fan.

**TILlicOUNTRY
QUARRIES**

Who: Tillicoultry Quarries

Established in 1931 by RW Menzies at Craigfoot Quarry in Tillicoultry, Tillicoultry Quarries identified the need for construction materials to be supplied to the local market. Now, nearly ninety years on, the business supplies materials throughout the UK and is one of the largest suppliers of quarry materials in Scotland, developing a reputation for quality products and service excellence.

Industry/Sector:

Construction, STEM

What will pupils see/do at this stand?

Pupils will see a Demonstration of Quarrying, display of materials, have conversations with some of our managers, and see equipment used.



Who: Midlothian Ranger Service

Midlothian Ranger Service are based at Vogrie Country Park and are part of Landscape Service within Midlothian Council is responsible for managing 7 countryside sites across Midlothian. The key objectives of the Ranger Service are to manage our site for Access, Education and Biodiversity.

Industry/Sector:

Countryside/Environmental

What will pupils see/do at this stand?

Pupils will take part in a Nature Table, with exhibits such as birds and mammal skulls. Also, a background display with what we do and information on our countryside sites across Midlothian.



Who: NHS Lothian Healthcare Science

Healthcare science is a profession that utilises scientific, engineering, and technological skills to improve the quality of care and health outcomes of patients. In Scotland, we are the fourth largest professional group working in the NHS across 54 distinct specialisms.

Industry/Sector:

Healthcare

What will pupils see/do at this stand?

Pupils will be able to meet with Healthcare Scientists and hear about what being a scientist in the NHS is like. There will be videos to watch, devices to try, test equipment to use, anatomical models to touch and discuss.



Who: Wardell Armstrong

A multidisciplinary environmental, engineering and mining consultancy providing a broad range of services in infrastructure and energy, property and development and minerals and mining. Support the winning of minerals and metals that will deliver a more sustainable carbon neutral future.

Industry/Sector:

STEM/Engineering/Mining

What will pupils see/do at this stand?

Pupils will learn all different minerals and metals and have a go at gold panning!



Who: The Wilderness Rangers

The Wilderness Rangers are an outdoor wildlife and biology education company for children aged five and up. Led by experienced conservationists, our mission is to Explore, Discover and Inspire the wild places all around Edinburgh and the Lothians!

Industry/Sector:

Education, Outdoor, STEM

What will pupils see/do at this stand?

Pupils will physically interact with a collection of biological curiosities (e.g. replica animal skulls, surveying equipment, fossils) while the Rangers discuss them and the work that they do. They will also have a live royal python!



Who: Yoga Scotland

The governing body for yoga in Scotland.

Industry/Sector:

Health and Wellbeing

What will pupils see/do at this stand?

Pupils will meet Yoga teacher with Newbattle Yoga Co and secretary of Yoga Scotland. Learn benefits from yoga and the rewards of teaching. Opportunity to participate in short breathing and asana practice (gentle movement).



Who: Skyrora


Skyrora designs, manufactures, and launches rockets. The team are currently developing an orbital launch vehicle named the Skyrora XL, that will launch small satellites to space from the Shetland Islands, at SaxaVord Spaceport. Headquartered in Glasgow with facilities located across Europe, Skyrora is dedicated to advancing launch vehicle technology, to ensure that the life-changing benefits of space are realised here on Earth.

Industry/Sector:


STEM, Space Sector


What will pupils see/do at this stand?

Pupils will take part in a stomp rocket activity and have the opportunity to handle rocket engine parts.

	<p>Who: Vesta Wellbeing</p> <p>Holistic Movement Practitioner specialising in Pilates, Yoga and Reflexology.</p>
	<p>Industry/Sector:</p> <p>Health and Wellbeing</p>
	<p>What will pupils see/do at this stand?</p> <p>Can participate in postural alignment, breathing techniques, gentle movement practices.</p>

	<p>Who: SKA Dance</p> <p>SKA Dance offers dance and fitness classes for all ages. We believe anyone can find a love for dance! With styles including commercial, cheer, breakdance musical theatre and contemporary we are sure to find something for everyone.</p>
	<p>Industry/Sector:</p> <p>Fitness/dance</p>
	<p>What will pupils see/do at this stand?</p> <p>Students will be able to watch clips from our previous music video created by some of our talented dancers. We will also be leading a fun warm up and have the chance to learn some hip hop moves to practice.</p>

	<p>Who: Active Schools (TBC: PM only)</p>
	<p>Industry/Sector:</p> <p>Sport, Health</p>
	<p>What will pupils see/do at this stand?</p> <p>Pupils will be able to meet and talk to various coaches about their careers and play a match up game.</p>

	<p>Who: Lothian Cat Rescue</p> <p>An animal rescue and rehoming centre.</p>
	<p>Industry/Sector:</p> <p>Care/Rescue</p>
	<p>What will pupils see/do at this stand?</p> <p>Pupils will learn all about what Lothian Cat Rescue does, see photographs, hear stories and ask questions.</p>