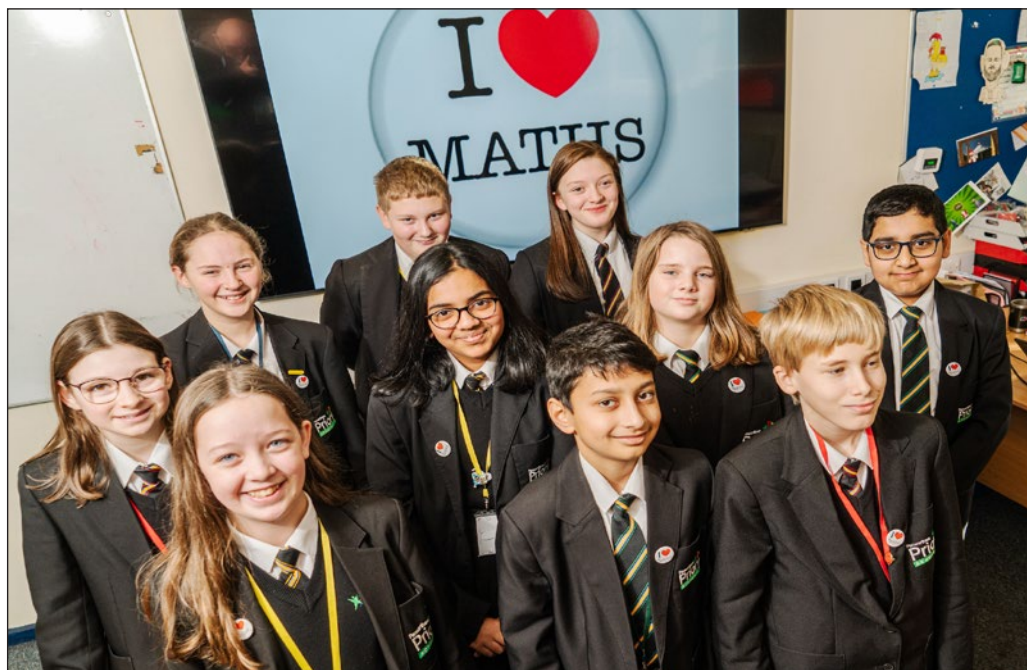


# Penwortham Priory Post



## ‘I love Maths because....’

**Pupils in all year groups have been answering this important question and receiving a coveted badge!**

Assistant Head of Maths Mr Henshaw said: “Originally we ordered ‘I Love Maths’ badges for the staff and then the pupils started asking if they could have one.

“Last year we set a task for Year 7s to say why they loved maths and we selected the best answers, they got a badge and it was a success.

“This year we opened it to all year groups, they had to fill in a survey and it’s created a buzz around maths which is what we wanted to do.

“It’s ongoing so pupils now can contribute at any time. They do love the badges!”

Pupils that want to claim one of the coveted badges should simply click the link below to access the survey and write Mr Henshaw a sentence or two explaining why they love maths. The best responses from each year group will be selected for an ‘I Love Maths’ badge.

<https://forms.office.com/r/PX8A5GBMzR>

Each week, we’ll report what our pupils said. This week it’s Yusuf and Muhammed’s turn to tell us why they adore the subject. See page 7.

## Key Dates

### Diary Dates

Did you know that the term dates for this academic year, as well as the following year, are available to view and download from our website?

[www.priory.lancs.sch.uk/parents/termdates](http://www.priory.lancs.sch.uk/parents/termdates)

### Mon, 23 January

Year 11 Runshaw College Interviews (in school)  
Year 10 Faith Day

### Fri, 27 January

Year 11 NCFE Childcare Exam

### Weds, 1 February

Year 9 Options & Parents Evening (4pm-8pm)

### Fri, 3 February

Learning for Life Day 3 (early lunch followed by school closure at 1.10pm)

### Weds, 8 Feb & Fri, 10 Feb

Year 10 GCSE Geography Field Trip Liverpool (two cohorts)

### Fri, 10 February

Year 9 Mid Year Science Assessment  
Katherine Fletcher MP Visit

### 13-17 February

Half term

Have your say on local issues... If you want to make a difference in your local community, these are for you:

## MP to Visit Priory

We have our local MP coming into school on Friday, 10 February.

Katherine Fletcher is the Conservative MP for South Ribble. During her visit, she will meet with Principal, Mr Eastham, tour the school and hold a Q&A session with pupils.

**Pupils who would like to meet her, or put forward a question, should message Mrs Hopes on Teams Chat to express their interest.**



**Join today to SUPPORT and LEAD campaigns focusing on PROBLEMS that you would like to SOLVE in our community!**

**Lancashire County Council**  
Children and Family Wellbeing Service

**We are looking for people from all types of BACKGROUNDS and with a VARIETY of INTERESTS aged between 12-19 and up to 25 years for young people with SEND**

**South Ribble Youth Council**

To learn more about or join our Youth Council please contact: Richard Fawcett  
chorleysouthribble.tys@lancashire.gov.uk  
tel: 07827807948



## What's the best thing you've learnt this week?

Every week, teaching staff venture out of the classroom to chat with our pupils and find out what they've really enjoyed the most about their learning this week.

Year 7 Sophie speaking about her English lessons with Miss Smethurst...

*"I've been learning how to write paragraphs, linked to an interesting topic. Miss took her time teaching it, showing different ways to do it and making it feel easy even though I know it wasn't."*

Year 10 Olivia speaking about her History lesson with Miss Ackers...

*"I've been learning to do 16-mark questions. Miss gave lots of examples and made it seem straight forward although it is brand new. I'm making great progress and feeling very proud of myself."*

Year 7 Lily speaking about her Maths lessons with Mr Sneddon...

*"We're learning how to convert decimals and fractions. I like the way he teaches, giving lots of examples and he helps everyone."* Lily felt a sense of achievement and success.

Miss Nouraghaei  
Assistant Head of  
Science



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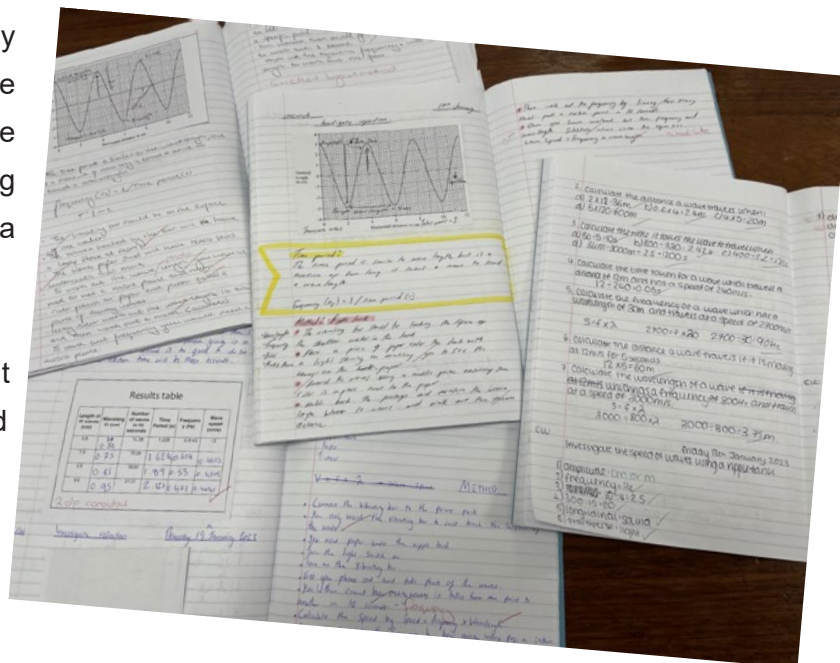
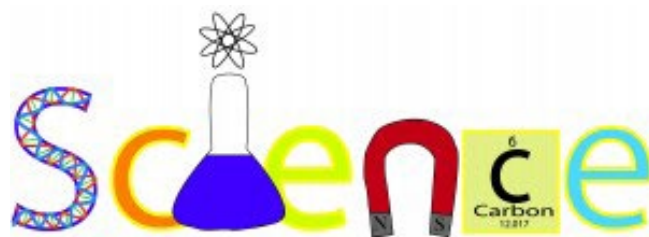
# Work Of The Week

## Year 11

Year 11 pupils have been working brilliantly through the new topic of 'waves'. Pupils have demonstrated their ability to use and rearrange the wave speed equations as well as explaining how to investigate the speed of waves using a ripple tank.

The photo shows a snapshot of some excellent work from Phoebe B, Sean M, Scarlett S and Aimee W.

Mr Cox  
Science Teacher



## Crochet Club

Monday  
Break & Lunch

Learn new skills!

Make new friends!

in LEAP  
All welcome!

See Miss.Dixon or Miss.Atkinson for more information



## Win Win Win in our 70th Anniversary Raffle

### Amazing Prizes!

£50 Argos Voucher

£50 Bangla Fusion Voucher

Amazon Vouchers: £150 x 1 | £50 x 2 | £10 x 5

Amazon Echo Dot | Pair of PNE Match Tickets

Martin Mere Family Admission Voucher

BOGOF Blackpool Pleasure Beach Ticket

3 x Bottles of Wine | Box of Milk Tray

Box of Foxes Biscuit Selection

Moonpig Mini Hamper

We're kicking off our 70th year with a spectacular raffle with over a dozen amazing prizes up for grabs. The hamper of goodies is on display at reception and tickets are available to everyone.

**Tickets are just £1 for a strip and can be purchased via SCOPay or at reception (cash only).**

The draw will take place at the end of the month and all monies raised will go towards our gardens and outdoor facilities.

[www.priory.lancs.sch.uk/fundraising-priory/70th-anniversary-raffle](http://www.priory.lancs.sch.uk/fundraising-priory/70th-anniversary-raffle)



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# Year 10 are Building Bridges in Engineering

During the first year of their Level 2 Engineering course, Year 10 pupils experience a range of mini-practicals, which run alongside the theory content of the NCFE qualification.



Before the pupils could start to build their bridge, they needed to research bridge construction which involved them looking at famous bridges in the world and who designed them, the materials used and what issues engineers needed to overcome to create a bridge within a certain terrain.

Within the Engineering industry, you have to be able to work on your own as well as in a team. Working with others is called collaboration and is a very important skill in the world of work.

The pupils teamed up and used their knowledge and understanding of their previous learning of Civil Engineering and SI Units of measurement (see next page) to create a model of their chosen bridge construction.



To create the model, pupils used paper straws, card, paper, scissors and tape. It was interesting to see how the pupils worked collaboratively through discussion, problem solving and undertaking different tasks to construct a bridge.

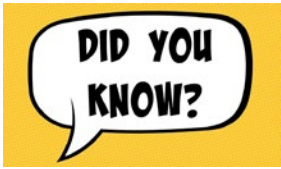
On completion, pupils then used their bridge model to create an independent virtual model in a design program called TinkerCAD. Creating designs on a computer is very much the norm today, so being able to use this program successfully will benefit pupils in future careers in Engineering.



Mrs Shaw  
Design Technology  
Teacher

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## What are SI units?

The International System of Units (SI), commonly known as the metric system, is the international standard for measurement. SI is an abbreviation of the French word *Système International*.

SI is used universally and the units play a vital role in scientific and technological research and development.

There are seven SI base units, which are comprised of:

- Length - meter (m)
- Time - second (s)
- Amount of substance - mole (mole)
- Electric current - ampere (A)
- Temperature - kelvin (K)
- Luminous intensity - candela (cd)
- Mass - kilogram (kg)



## 3D Printed Bridge - Who would have thought!

The world's first 3D printed steel bridge opened in Amsterdam in 2021. The 12-metre pedestrian bridge was built by Dutch robotics company MX3D and was fabricated from stainless steel rods by six-axis robotic arms equipped with welding gear.

Named MX3D Bridge, the structure used 4,500 kilograms of stainless steel which was 3D-printed by robots in a factory over six months before being craned into position over the canal. Its curving S-shaped form and balustrades with lattice-style perforations were designed using parametric modelling software.

It is claimed that the technique showed how 3D-printing technology can lead to more efficient, sustainable structures that use less material. 3D printing enables significant weight reduction and reduced impact for parts manufactured in the tooling, oil and gas and construction industries.

The MX3D co-founder said, "*By stepping up our game and the will to make a change as designers and engineers, we can bring the necessary innovation to make a difference in tomorrow's built environment.*"



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## Bedrock News



## Year 8 & 9 Parental Engagement We need you on board!

Last week we asked you to sign up as a parent to Bedrock to help support your child. This week we want to give you some more information on what to do once you've logged on.

To help you understand the platform a little better I want to remind you that we want students to achieve 20 points a week. Working on a 20 point a week basis helps students make the best progress. Spacing their learning allows new vocabulary and grammar to absorb better ensuring they retain the information.

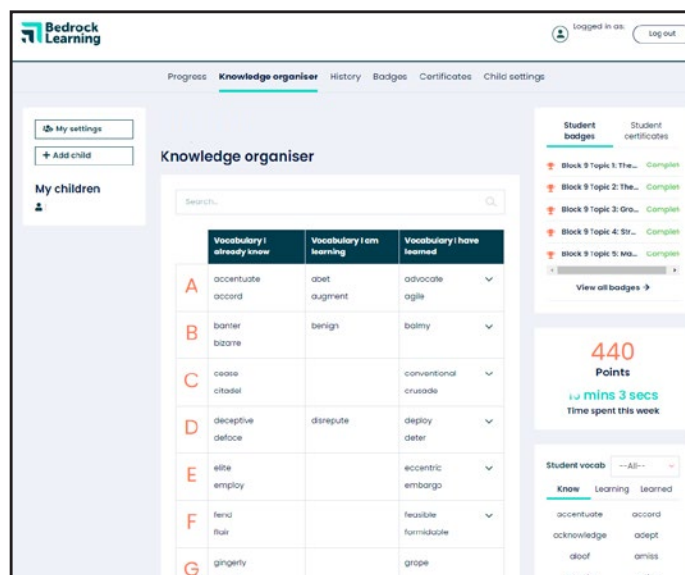
To gain 20 points we expect students to spend around 40 minutes to one hour each week on the Bedrock platform. This is based on an average vocabulary lesson taking around 15 minutes to complete resulting in around 10 points or a grammar lesson taking around 25 minutes. This will vary for each student though.

## The Knowledge Organiser

This week we would like to highlight the knowledge organiser on the parent dashboard - see screenshot above. This section will show you the vocabulary that your child is learning and has learnt already.

We would like to encourage you to look at the vocabulary used and practice this with them at home. Perhaps you could use the new language while chatting in the car, stick the new words onto the fridge or the front door so your child sees them more often or even play a game of word bingo! This exposure to new language will help your child to embed it into their everyday conversations and become much more confident with their writing.

Good luck Bedrocking this week!



LOGIN AT <https://app.bedrocklearning.org/>

**"WHAT'S  
IT ALL  
ABOUT?"**

Bedrock is an interactive online vocabulary application. Its objective is to introduce pupils

to a wide range of Tier 2 vocabulary at a pace they can cope with.

With Bedrock, pupils have to read quite substantial texts; key vocabulary will be highlighted and its meaning explained. The words are then used in different contexts so it develops an understanding of the new vocabulary. Pupils start with an Alpha test which ascertains the appropriate reading 'block' for that pupil. They then complete a pre- and post-block test to allow both the pupils and the teachers to see how much improvement in their vocabulary they've achieved.

Miss Smeethurst  
English Teacher





Assistant Head of Maths Mr Henshaw, along with the Maths Department, ran a competition asking pupils to say what they particularly enjoy about the subject. **Pupils were tasked with completing the following sentence, "I love Maths because..."**

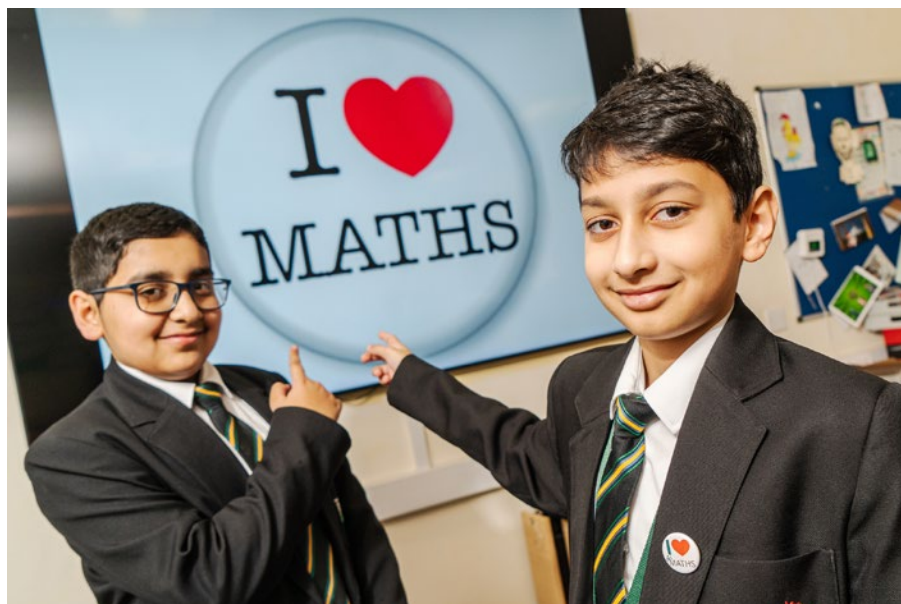
Here's why Yusuf and Muhammed love Maths:

### Yusuf...

*I really enjoy it as I like complex things like algebra or as some people say, 'algebros'. I would class myself as a maths student because I think it is really fascinating and there is a way you could use maths for a huge variety of problems. I want to also get the highest grade in my Maths GCSE in Year 11.*

### Muhammed...

*It is very good to learn about number so that you can use it more in life, for example, like counting your money. My teacher Mr Raynor, is the nicest teacher I've ever seen.*



Mr Henshaw  
Assistant Head of Maths



## Bringing music to your ears at break and lunch

MABAL is music played through the school's sound system during break and lunch. This is designed to offer exposure to the curriculum in different ways, and support pupils' appreciation of music.

## Next week, it's all about: Music from around the world

The link to the country may be found in either the origin of the artist or the composer. Many songs will be sung in different languages though some such as those by Scandinavian artists, will be sung in English. Orchestral work will relate to the nationality of the composer.

The selection is across time, across genre and across the globe from A-ha to Tchaikovsky via Nana Mouskouri and Nicolo Paganini.

Future weeks' theme suggestions are welcomed - pupils/staff should see Mr Taylor, email [a.taylor@priory.lancs.sch.uk](mailto:a.taylor@priory.lancs.sch.uk) or contact via Teams.



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# Year 7 Cookery Club

After school last Thursday our Year 7 pupils were invited to the Food Technology room to make Mexican Quesadillas.

Along with making the cheese and vegetable-filled tortillas, the pupils practised some good basic kitchen skills like opening a tin and navigating the hob.

And it seems our youngest pupils like a bit of spice in their food. Food technology teacher and Vice Principal, Mrs Cowell, commented, *"I was surprised when they asked for more chilli!"*

We hope you had fun - Lucy H, Reese L, Maya L, Eliza G, Zara W, Freya B, Jessica J, Jacob R and Ruth W.



At Penwortham Priory Academy the Learning for Life curriculum is designed to support the promotion of excellence for pupils and do all it can to improve their life chances.

Pupils have two 20 minute Learning for Life lessons each week where they will participate in the curriculum shown opposite.

Where you will learn things you will need and will use, now and in the future

On the curriculum w/c 23 January 2023

Year 7	Spring Term - Theme: 'Expressing myself effectively' When am I resilient?
Year 8	Spring Term - Theme: 'Thinking with a clear head' Approaching problems with a clear head
Year 9	Spring Term - Theme: 'Adapting my voice' Online behaviour
Year 10	Spring Term - Theme: 'Owning my actions' Harm online
Year 11	Spring Term - Theme: 'Charting the course' Positive change

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# SPORTS REPORT



## Monday

Year 7 & 8 Football Practice  
Netball Practice

## Tuesday

After-school - Primary school indoor sports event with Priory's young leaders

**NO BADMINTON CLUB** this week

Dance Club (All years)  
Girls Football Club (All years)

## Wednesday

GCSE PE Badminton Practice

## Thursday

Basketball Club – Sports Hall (All years)  
Trampolining Club - Gym (All years)

## Friday

Staff Football – Open to all staff

**Preston Basketball**

Girls Basketball Places Available  
School Years 7-10  
Monday 5:30-6:30pm

To book a free trial visit [www.prestonbasketball.com](http://www.prestonbasketball.com)

#WEAREPRESTON

## Physical Education Department Extra-Curricular Timetable (Spring Term 1)

	Monday	Tuesday	Wednesday	Thursday	Friday
Lunch – Sports Hall 13.15 – 13.50	Badminton	Badminton/ Basketball	Basketball	Development Club	Basketball
After-School 15.15 – 16.15	Year 7 & 8 Football Practice (dependent on fixtures) Year 7 – 11 Netball	Badminton Club Girls Football Practice	Staff Meetings GCSE Badminton Club	Basketball Club Trampolining Club	

NB In addition, school teams will have fixtures through the half-term. These may result in some clubs being moved locations or cancelled.

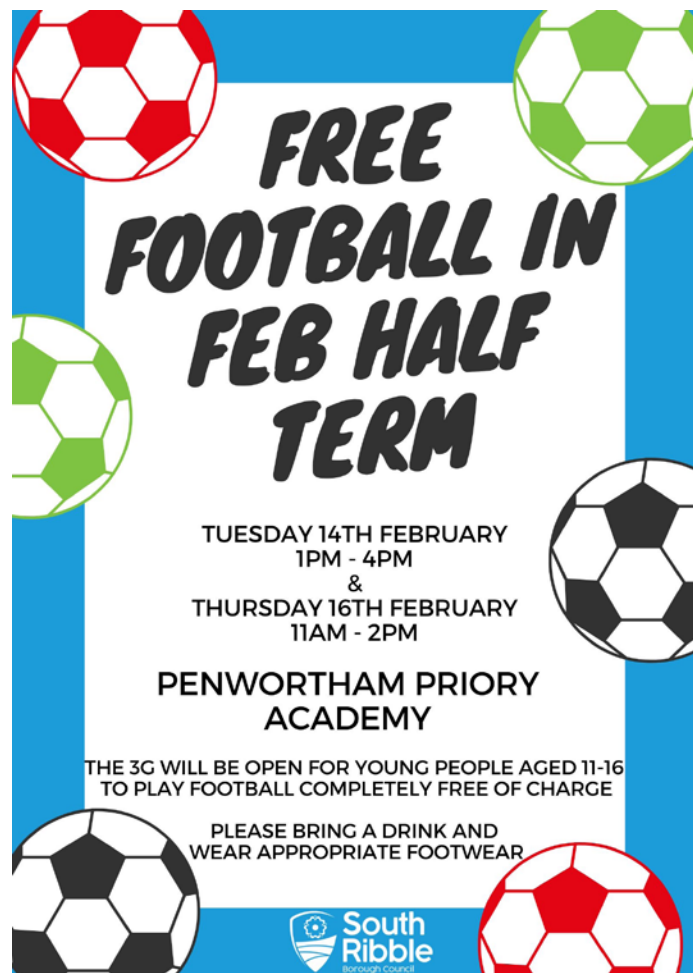
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## Half Term at Priory Play Football For Free

Make a note of these dates and times and you can come along during half term and play football on our 3G pitch for free.

Open to all children in the area between the ages of 11-16. Just turn up!

Please note that this is being run and supervised by [South Ribble Borough Council](#) and not the school.



## Leyland Trucks Apprenticeships

Leyland Trucks is committed to delivering apprenticeships which add value to both the individual and the company. Apprenticeships provide an entry route into the business which allows you to combine both educational studies with practical hands-on experience, whilst earning a salary. Apprentices follow a standard development framework which incorporates practical, evidence based knowledge with academic skills gained within an educational setting.

Applications are now open for the following opportunities

**12 x Assembly Operative Trainees | 6 x Automotive Engineers | 2 x Facilities & Maintenance Engineers | 2 x Design Engineers (age 18+) | 2 x Supply Chain Professionals (age 18+)**

For further information, including company presentations and videos, and to download an application form go to [www.leylandtrucksltd.co.uk/en-gb/working-at-leyland-trucks/apprenticeship](http://www.leylandtrucksltd.co.uk/en-gb/working-at-leyland-trucks/apprenticeship). Closing Date: Friday, 3 March.

*Learn to succeed*