



National Physical Laboratory

# Measurement Science Apprenticeship



[npl.co.uk/apprenticeships](https://npl.co.uk/apprenticeships)

# General entry requirements:

- Minimum of five GCSEs (grade four or above) which must include English and Mathematics. For science apprenticeships, GCSEs including at least one science subject is preferred.

## No two days are the same!

Every day at the National Physical Laboratory (NPL), we are working towards making new discoveries that will have an impact on the world.

Here are just a few of the amazing things we have done here at NPL:

- **Packet-switching:** Pivotal in the advancement of the internet
- **Automatic Computer Engine (ACE):** Instrumental to the development of modern computing
- **Radar:** Crucial in the modern world, few technologies are as widely used!
- **The atomic clock:** The basis of UK time



# Measurement science apprenticeship

## What does the apprenticeship include?

Three year apprenticeship with three departmental rotations.

Six off-the-job training weeks with internal trainers onsite, spread across the year.

You will receive a Level 3 Metrology technician standard (equivalent to A levels) upon successful completion of the Endpoint Assessment.

The Endpoint Assessment marks the end of the programme and consists of a multiple choice knowledge test, work observation in the laboratory and professional discussion with an external assessor.

While working towards our Metrology Technician L3 standard, you will develop an in-depth understanding of core measurement principles and their application whilst working alongside industry specialists. The work you will be carrying out will directly impact industry and help build your career as a Scientist!



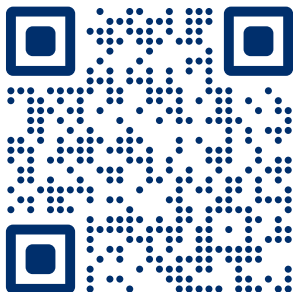
**“I love the amount of opportunities at NPL. I get to express myself and be creative whilst also learning, earning and meeting new people.”**

**Umar Akram,  
Junior Measurement  
Scientist Apprentice**

For further information on our apprenticeships, please visit

**[npl.co.uk/apprenticeships](https://npl.co.uk/apprenticeships)**

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**We are a proud member of the 5% Club.**

Part of the industry-led campaign focussed on creating momentum behind the recruitment of apprentices and graduates into the UK workforce.



The Prince's  
Responsible  
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**Institute of Physics**  
**Juno Practitioner**

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