



The British Association of
Prosthetics and Orthotics

GIVE POWER TO AMPUTEES



DESIGN YOUR OWN
SUPERHERO WITH A
PROSTHETIC LIMB

IN COLLABORATION WITH LIMB-ART
AND THE LIMBLESS ASSOCIATION



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INTRODUCTION

The British Association of Prosthetics and Orthotics (BAPO) is the professional body representing prosthetists and orthotists in the UK. Our mission includes promoting awareness of our profession and ensuring a sustainable, diverse, and passionate future workforce.

Information about a career in prosthetics and orthotics can be found at WWW.BAPO.COM/CAREERS/

This competition has been designed by **BAPO'S CAREER OUTREACH TEAM** and supported by the **LIMBLESS ASSOCIATION** and **LIMBART**.



THE BAPO CAREER OUTREACH TEAM



LAURYN CAMPBELL
BAPO's Career outreach lead (and orthotist)



SAM BAKER-JACKSON
Orthotic Administrator



SAMINA KHAN
Prosthetist



FRANCESCA MAKEY
Lead Paediatric Orthotist



MANUELA MUNDY
Apprentice Orthotist



GAIL MORRISON
Advanced Orthotist in Diabetes

ABOUT THE LIMBLESS ASSOCIATION

THE LIMBLESS ASSOCIATION (LA), support people with limb loss. Established since 1983, they offer both practical and emotional support for amputees throughout their pre and post-amputation journey.

They can provide useful, easy to access information and advice as well as supporting and connecting amputees, their families, and carers.

Visit the Limbless Association website at WWW.LIMBLESS-ASSOCIATION.ORG/



ABOUT LIMB-ART

DR MARK WILLIAMS PLY is a former Paralympic medallist, entrepreneur and co-founder of LIMB-ART – the World's leading designer and manufacturer of high-performance prosthetic leg covers. After losing his left leg in a childhood road accident, Mark rose to become a Paralympic medallist and world champion swimmer, a journey that shaped his lifelong belief in focussing on what you can do.

In 2018, Mark and his wife Rachael founded LIMB-art in North Wales to help amputees **"STAND OUT AND STAND PROUD."** Today, the company supplies lightweight, customisable prosthetic covers around the world and is recognised for innovation, design excellence and export success — including winning the UK Government's Made in the UK, Sold to the World – Healthcare Exporter of the Year, and being named Global Entrepreneur of the Year (Wales) at the Great British Entrepreneur Awards.

Driven by creativity, confidence and purpose, Mark continues to champion inclusion and inspire others, proving every day that style, identity and pride belong to everyone.

Visit the Limb-Art website at WWW.LIMB-ART.COM/



ABOUT THE COMPETITION

This competition is Science, Technology, Engineering, and Mathematics aligned (STEM), and designed to introduce learners to prosthetics. Students are encouraged to use their imagination and creativity skills to **DESIGN A PROSTHETIC LIMB FOR A SUPERHERO**. They can do this by using physical material to build a limb or by designing and drawing a limb.

WHO IS THE COMPETITION FOR?

All UK primary school key stage 2 students are invited to take part in BAPO's national competition.

GATSBY BENCHMARKS

This competition aligns with the following Gatsby Benchmarks

- Learning from career and labour market information
- Encounters with employers and employees
- Linking curriculum learning to careers



WHAT IS A PROSTHETIC LIMB?

A prosthetic limb is a special arm or leg made for someone who has a limb difference or has lost a limb.

Prosthetic limbs help people do everyday things like walking, running, playing, grabbing objects, or even swimming!

Some prosthetic limbs are simple, and others are super high-tech, a bit like superhero gadgets!

They are designed to help people feel strong, confident, and ready to do the activities they enjoy.



WHAT IS A PROSTHETIST?

A prosthetist is a specialist who designs, builds, and fits prosthetic arms and legs.

They talk with each person to find out what they need, and then create a limb that is comfortable, useful, and feels just right.

Prosthetists use science, engineering, and creative thinking to turn cool ideas into real limbs that help people do amazing things, just like designing gear for a superhero!



DESIGN A SUPER-POWERED PROSTHETIC LIMB

HELLO SUPER DESIGNERS!

In this competition, you will design a prosthesis for a superhero to **GIVE POWER TO AMPUTEES!**

A prosthetic leg is a special leg that helps people move, play and do the things they love. Lots of people in real life use prosthetic limbs, and they can do amazing things.

This competition helps us all learn that prosthetic legs are positive, helpful, and nothing to be worried about. They are part of what makes some people strong, confident, and unique, just like a superhero!

You'll also learn a little about the people who make prostheses.

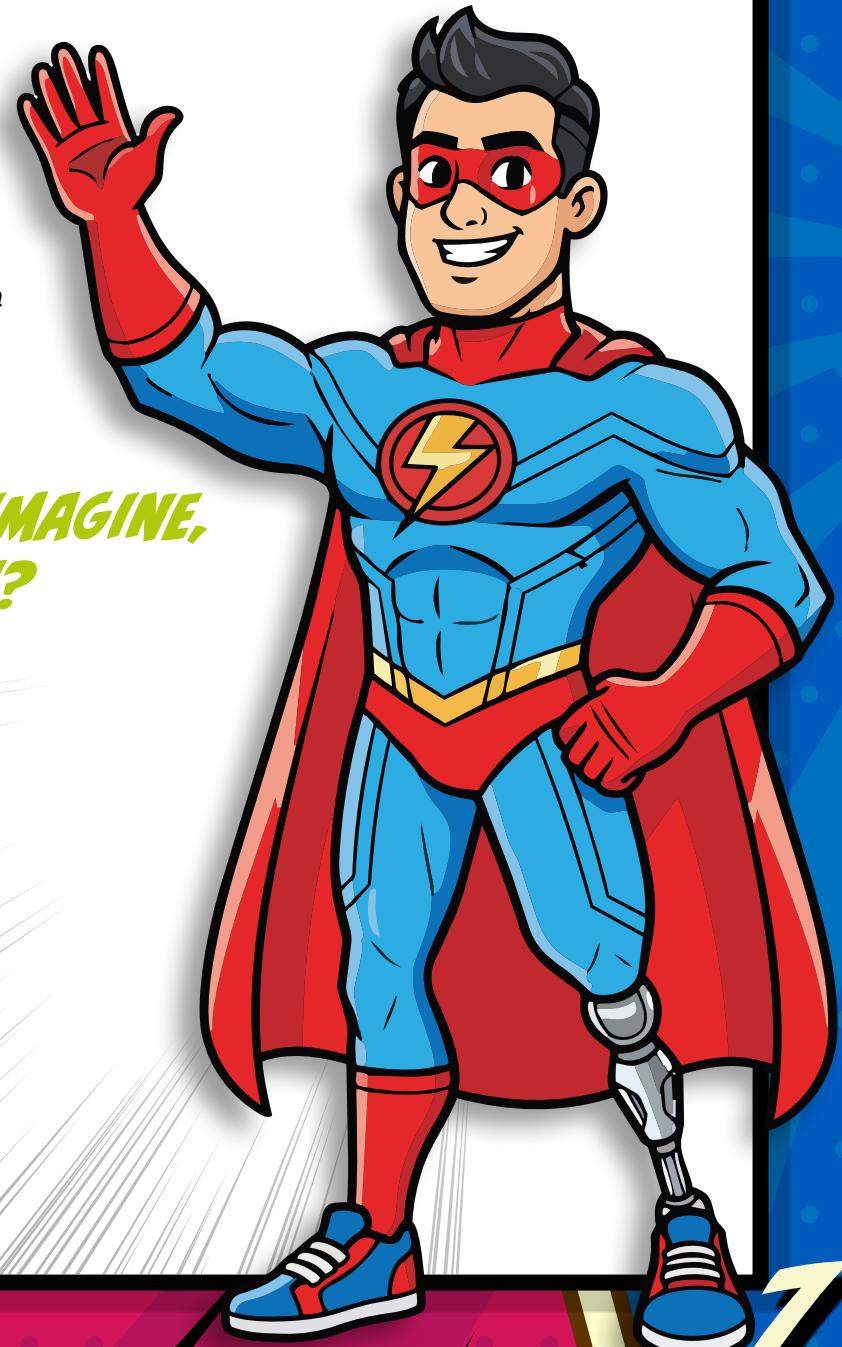
They are called prosthetists, and they use science, creativity, and problem-solving every day to help others.

YOUR MISSION

Create a prosthetic leg that gives your superhero a special power or helps them on their adventures.

Your design should make your superhero feel brave, proud, and ready for action!

**ARE YOU READY TO IMAGINE,
CREATE, AND DESIGN?**



INSTRUCTIONS

DESIGN A PROSTHETIC LEG THAT HELPS YOUR SUPERHERO ON THEIR MISSIONS!

Be as creative as you like! You can make a limb out of all sorts of things, cardboard, lego, building blocks, wood, foam, plastic, the list is endless! You can also draw your superhero and their super limb!

EXAMPLE SUPERHERO

Superhero Name: **THUNDER KID**

Powers: **CONTROLS LIGHTNING**

Problem: **LOST HIS LEG DURING A STORM BATTLE**

Needs: **A LIGHTNING-PROOF SUPER LEG**



DRAW YOUR SUPERHERO

DRAW YOUR SUPERHERO IN THE SPACE BELOW AND LABEL ALL THE COOL FEATURES!

TELL US ABOUT YOUR DESIGN

What is your superhero's name?

What does the prosthetic limb help them do?

Full name: Age:

School:

RULES

INSTRUCTIONS FOR SCHOOLS

Students can only submit an entry to the competition via their school. Prizes will only be issued via the school.

Evidence of the design must be submitted as a photo/document/video via the dedicated submission form.

Document/photo size limit is 1GB. File types allowed must be in word, image, PPT, and Video.

Submissions can only be accepted via this [**MICROSOFT FORM**](#)

THE DEADLINE FOR ENTRIES IS MAY 29TH, 2026.

PRIZES

The winning school will be notified on or before June 30th, 2026.

FOR THE WINNING INDIVIDUAL OR GROUP

The winner will receive **A CUSTOM LIMB-ART PROSTHETIC COVER FEATURING THEIR VERY OWN SUPERHERO DESIGN!** This is a unique opportunity to see your creativity come to life on a real prosthetic limb cover, designed to reflect your superhero vision. The winning entry will also be showcased in BAPO's professional tri-annual national magazine and across BAPO's social media platforms and website.



FOR THE WINNER'S SCHOOL

The winner's school will also receive a **£1,000** voucher of their choice to spend on resources, equipment, or activities that benefit students **PLUS** the opportunity for the winning school to take part in a question and answer session – in person or online – with an amputee panel to learn all about prosthetics and the people that use them.

The runner up will receive a **£300** voucher of their choice to spend on resources, equipment, or activities that benefit students. This means your creativity could make a big impact not just for you, but for your entire school community!

FURTHER INFORMATION

For further information please visit BAPO's website at WWW.BAPO.COM
or email ENQUIRIES@BAPO.COM



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