
What have you organised for Science Week this year?

... if you're still looking, this letter can help in a BIG way!

Something for Primary & Secondary!

From the Desk of Tom Warrender

Tuesday 3rd January 2023



Over the past couple of months, I've done some deep soul searching about what we do at Medical Mavericks and how we can support schools, teachers, students and their parents in a more impactful way.

The result is **what I've put together in this letter for Science Week 2023** (& Careers Week!). It is an unbelievable opportunity for your school and every school in the country, as you will see.

However, it is important you know how this opportunity all started, because I am sure it will resonate with you.

It began with two emails. One from a parent and one from a teacher.

I received this email from a parent last year:

Hi Tom

I hope you can help? My daughter was interested in becoming a doctor, but recently her ambitions have shifted. She is still interested in a medical career of some kind, but she is being put off by all the news and social media posts she is seeing about working in the NHS, the strikes, pay and stresses on the health service. She is a fantastically talented young lady, but I am worried her ambitions are going to be dampened even before she's set one foot inside uni.

Can you help? Any advice?

Heart breaking isn't it?

A young enthusiastic student with the world at her feet, wanting to make a difference in the world by becoming a doctor. By the sound of it, she had all the ability and capability reach her ambitions, but they've been dashed.

Ambitions dashed by the press, media, and government with constant down beat stories about our NHS.

Heart breaking doesn't cover it really, does it? Tragic is more apt.

If this is happening with one student, you can bet your bottom dollar it is happening to many more.

This isn't right and it isn't good. It needs to stop.

Ultimately we need people like this student to follow their ambitions. If they don't what happens to the NHS... what happens to our society?

I can't imagine. It would be devastating.

And what about the teacher email? What did that say?

Hi Tom & Team

Thanks so much for sending the proposal over for a visit to our school.

We would have loved to have you visit us. The day looks amazing and I know our students would jump straight in and take advantage of the opportunity you offer.

However, our budget is just so stretched at the moment. SLT have had a dig around, but we can't afford a box of Pritt Sticks never mind a day of workshops! Do you do anything online that is cheaper?

This is not the only email I receive like this. It is happening more and more as your education budgets are squeezed and squeezed.

It is a thorn in my side.

When I started this company 14 years ago, I wanted to visit or support every school in the UK. A mammoth task made even tougher with the budgetary restraints schools are under.

To try and achieve this mammoth ambition, we've given a lot away for free. The posters, the books, the videos. But we have to charge for our workshops & shows. It's a fair exchange, as I am sure you agree.



But I had to come up with a different way to influence & inspire more students **from primary and secondary schools** and make sure we could do it in a cost effective way for schools.

How and what could we do that would make it an absolute no-brainer for a school to accept, whilst also getting students excited and inspired by science - and the amazing careers in the NHS?

And this is what I've come up with...and I think you're going to like it!

It's like a mash up between Cineworld & Netflix with a Medical Science Twist!

What I have put together is suitable for Primary and Secondary schools and it is a fantastic mix of live stream shows, pre-recorded content, posters & books, as well as hands-on practical work using real medical kits, that we will send you in the post.

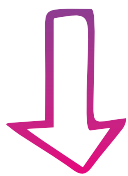
Yes, you read that right...

We send you real medical kit

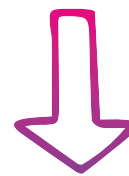
in the post to keep!

So what is on offer for Science week?

I've had a look at all the resources and content we've put together over the last few years throughout covid and packaged it up into **an amazing offer**.



The Best Bit:



You can access everything here not just for Careers & Science Week, but for the WHOLE of March.



I've called it the
**Medical Mavericks
Academy Pass.**



For the whole of March (actually, from the 13th Feb) you can access a huge amount of content and resources both online and physically with the resources we'll send you in the post.

The Academy Pass gets you access to specific aspects of our online Academy, special live stream shows performed every day of Careers & Science Week, amazing events as well as physical resources including some real medical kit for your classroom and lessons. It's suitable for Primary & Secondary Schools too!

Literally EVERY student in your school can watch or take part in something from The Academy Pass. There's some serious box ticking you can complete with The Pass:



Linking curriculum learning to the curriculum



A good range of well-attended science enrichment



Gatsby Benchmarks & Ofsted evidence of enrichment

What are the shows & what is in the medical kit?

I'll be performing **The Human Guinea Pig Show** and **The Senses Show** as live streams multiple times each day throughout Careers & Science Week.

These can also be watched as pre-recorded shows if you can't make the live stream performances.

The **live stream assemblies** are 10 minutes long each and we'll look at Medical Engineering, Physiology, Ultrasound Scans and much more.

The **Daily Science Quiz** will start at 2:30pm each day in Science Week and will mix medical images & science facts in a fast paced quiz.

The **Medical Kit** includes 5 stethoscopes, 5 pen torches and 5 reflex hammers. All of which you get to keep! There'll be an accompanying video series in The Academy that shows you how to use the kit too!

You can find out more about all of these on pages 7 to 15.

The killer question... **How Much Is The Pass?** **it is less than £200 + VAT!**

Remember I wanted to make this accessible to as many schools as possible?

Well, several teachers I've spoken to think I've lost the plot with the price I've put on this, especially as in previous years I have charged £295 + VAT for ONE live stream show. **If you totalled up all the live streams in this package it would total over £5,000!**

HOWEVER! It is nowhere near that! In fact it's less than 5% of that price.

**The price for EVERYTHING in The Academy Pass
is £195 + VAT.**

I'll spell that out for you as it is not a typo.

One Hundred and Ninety Five Pounds + VAT for ALL the live streams, content, medical kit and resources outlined.

Here's everything included for £195 + VAT

- * Unlimited access to the live stream shows throughout Careers and Science Week (3 x show per day for 10 days at set times).
- * Unlimited access to the pre-recorded versions of the shows throughout the whole of March. Watch at any time.
- * Daily Assembly Live Streams in Science Week and watch on Catch Up if you miss the live stream at 9:05am.
- * Daily Science Quizzes in Science Week and watch on Catch Up if you miss the live quiz at 2:30pm each day.
- * Medical kit in the post that includes: 5 steths, 5 reflex hammers, 5 pen torches – **all doubled if you order before Friday 27th January 2023.**
- * Accompanying video series showing you how to use the medical kit in your lessons.
- * 15 brand new & exclusive episodes of MMTV to watch any time.
- * Career Inspiration Pack in the post that includes a book, 100 career fortune tellers, 5 posters and an A1 size career map poster.

All of this is worth over £5,000 and you can access it all for £195 +VAT!

**Order Deadline is
Friday 10th February**

(so we can get your pack out to you in time!)

Order using any of these below!

Head here to order
medmav.co.uk/academy-pass

SCAN HERE
TO ORDER



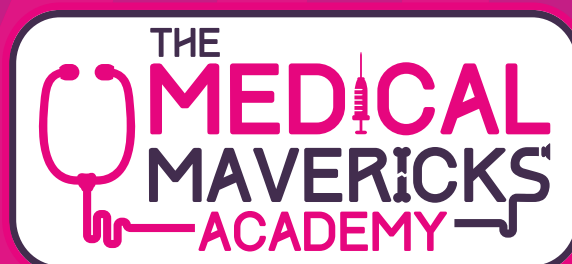
Science Week sorted for £195 + VAT

(and Careers Week & the month of March!)

Want to know more?

Here's some more info on
everything that's included in
The Medical Mavericks
Academy Pass!

Something
for Primary &
Secondary!



medmav.co.uk/academy-pass | (01902) 595 089 | hello@medicalmavericks.co.uk

The Human Guinea Pig Show

Duration: 50 minutes

Who: Perfect for years 8 to 10, but can be performed to years 5 to 13!

Delivery: Live Stream and Pre-Recorded

When: Live Streams 3 x per day in Careers Week, 1 x per day in Science Week (times TBC)
Also available at any time as a pre-recorded show. Just click and watch.

Numbers: Unlimited! Show in as many classrooms as you want and watch as many times as you want!



The show streamed from our fab new studio!

What is the show about?

Tom takes your students on a journey through Healthcare Science careers that perform 85% of all diagnostic tests in a hospital. Every career Tom explores is accessible with 5 GCSEs at levels 9-4.

Who is the show for?

The show is perfect for years 9 – 13, helping them make more informed decisions about subject choices and career aspirations.

However, the show has been performed for primary schools too and the content is suitable for years 5 to 13!



You get to see inside Tom's lungs and see his voice box!

Is it all live?

Yes! The whole show is streamed live from our fab professional studio.

This is no blurry fuzzy zoom call!

Teachers rated stream & audio quality 4.7/5



Is it just a talk to camera?

NO! Tom performs LIVE medical tests on himself and shows amazing video footage of some of the tests he has just for the fun of it!

Demos include an ultrasound of his carotid artery and jugular vein, recording an ECG, measuring lung volume, using an infrared vein scanner and taking a photo of the inside of his eye!

How many can watch?

There really is no limit. 100s can watch at the same time.

The weblink we send you to watch the show can be used across multiple classrooms and even by students working at home.

Just click and watch!

Which careers are covered?

We focus on careers in Healthcare Science, all of which are accessible with 5 GCSEs at levels 9-4. The show covers:

- Vascular Science
- Cardiac Physiology
- Medical Engineering
- Renal & Urodynamics
- Ophthalmic Science
- Respiratory Physiology



Rated 9.6 /10 by Teachers in 2020



9YR1

Thank you Tom, that was brilliant!



Anna

Thank you Tom, that was amazing!



Miss N

Thanks so much. 10L4 enjoyed the respiratory video of your lungs the best.



Absolutely excellent! The feedback has already started and I've got 2 emails from parents saying that they started to watch with their kids as they were enjoying it so much!

Mr Rose - Bohunt School



7x/En5

Thank you so much! My class have loved it and said you're very funny!



Getting really great feedback! Kids saying it's Inspiring & Fantastic! Thank you :-)

Mrs Bentley - Thorns Collegiate Academy



Mrs - UAH

Thank you very much, we have really enjoyed it. The videos have been fantastic.



Cirencester College

Fantastic session!
Thanks very much Tom.

How to book your Academy Pass & watch this show.

Head to this link medmav.co.uk/academy-pass or scan the QR code

Complete the booking form and create your Academy Account.

As a teacher you'll be able to access all the content from Monday February 13th through to the end of March.

You can also invite teachers to create their own accounts and access the content any time too!

SCAN ME TO ORDER





NEW FOR
2022/23

The Senses Show

Duration: 45-50minutes

Who: Perfect for years 4 to 8

Delivery: Live Stream and Pre-recorded Show

When: 2 x per day in Science Week (times TBC)

Also available at any time as a pre-recorded show. Just click and watch.

Numbers: Unlimited! Show in as many classrooms as you want and watch as many times as you want!

What is the show about?

We'll show your students how to perform 8 exciting experiments on their body and each other to discover how they work and explore some of the quirks of human physiology and their senses.

We'll look at proprioception and make your arms float into the air, make everything in your vision shrink and grow, test your reflexes and much more.

Is it just a talk to camera?

NO! This is an INTERACTIVE SHOW where you get to try out 8 fab demos along with us at the same time!

We show you how to perform the tests and then give you time during the show to try them out before we explain the science behind what everyone has just experienced!

What are the demos you can try during the show?

- The Belladonna Effect – We'll make things grow or shrink in your vision!
- Testing you pupil & knee jerk reflex
- How to find your blind spot with a nothing but a piece of paper
- Your weird arm – discover if you have a missing tendon that is part of evolution
- Negative after images – see things when they are not there!
- Floaty arms! We'll make your pupil's arms start floating away!

There is very little equipment needed. You'll find everything needed in your classroom!

We'll even send you some pen torches in the post!

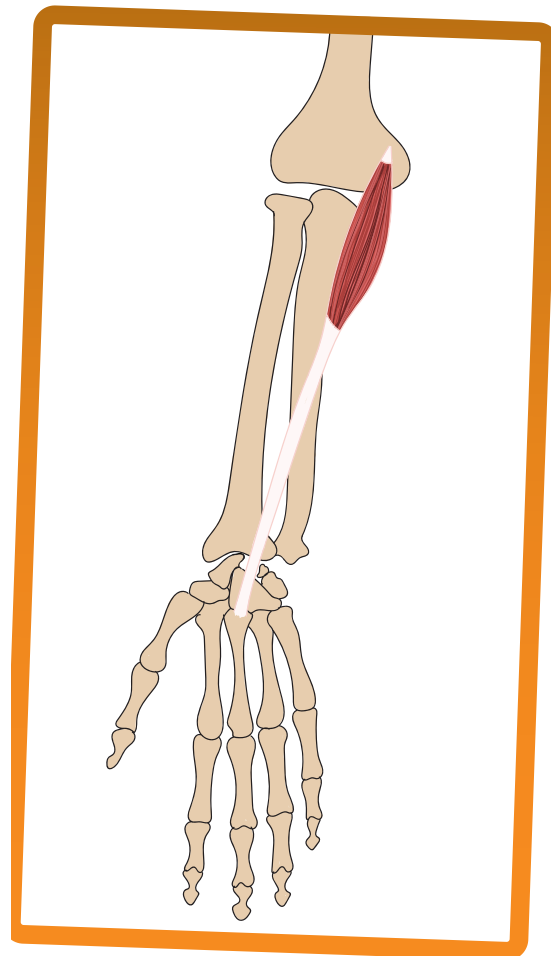
Is there any equipment needed?

Yes and no... Included in The Academy Pass are 5 pen torches which you get to keep. Students can also use the torch function on their phone too!

You'll also need the following bits and pieces

- A piece of blank paper (A4 or A5) for each student
- A pen or pencil for each student
- Something zingy or tasty to eat such as a sweet, piece of fruit or a biscuit (if using sweets, something like Starburst, skittles or Fruit Pastels are good!)

If you don't want the pen torches, students can use the light on their phone!



Discover if you have this muscle in your arm! 15% of people don't! It is called the Palmaris Longus.



Emma Robertshaw

1 review

★★★★★ 2 months ago

We had the Senses Show this afternoon in year 6 and it was brilliant! The session was full of wow moments and the children loved completing all the experiments. We learnt so much from Tom and he was great at answering our questions. An engaging, interactive and exciting workshop for all.



How to book your Academy Pass & watch this show.

Head to this link medmav.co.uk/academy-pass or scan the QR code

Complete the booking form and create your Academy Account.

As a teacher you'll be able to access all the content from Monday February 13th through to the end of March.

You can also invite teachers to create their own accounts and access the content any time too!

SCAN ME TO ORDER



DAILY ASSEMBLIES!

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Daily Assemblies

When: 9:05am each morning of Science Week (WC 13th March)

Duration: 10-12minutes

Who: Perfect for years 4 to 9
Delivery Live Stream and available as a recording in the Catch Up Zone

Numbers: Unlimited – no restrictions on number of classrooms or number of students



Tom will be live every day at 9:05am in science week for his Daily Science Assembly!

Here's what's in the Daily Assemblies!

Monday 13th March – Medical Engineering – I'll be looking at 3 examples of simple, complex and surgical engineering.

Tuesday 14th March – Physiology – Where have you got a pulse? We'll go from head to toe and find all your pulse points.

Wednesday 15th March – Ultrasound Scans – How it works and a REAL baby scan!

Thursday 16th March – Physiology – How Big Is Your Body. Loads of amazing facts about your body PLUS an ultrasound comparing the different sizes of the heart in a 4, 11 and 42 year old!

Friday 17th March – Blood Vessel Bonanza! – We have so much kit that can check your blood vessels that we're jamming it all into a 10min assembly! We'll measure blood flow speed, measure a blood vessel and watch red blood cells flow through a capillary!

DID YOU KNOW?



Your liver actually has 2 blood supplies. Whilst this isn't that uncommon, the thing that makes this odd, is that one supply is from an artery and the other is from a vein! Veins usually take blood away from every other organ and back to the heart. Your liver has a venous connection from the digestive system that also supplies it with blood!

All included in The Academy Pass for £195 + VAT

Daily Science Quiz

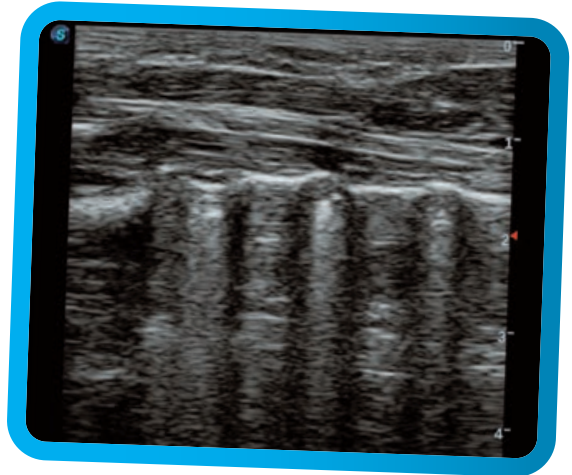
When: 2:30pm each afternoon of Science Week (WC 13th March)

Duration: 20minutes

Who: Perfect for years 4 to 9

Delivery: Live Stream and available as a recording in the Catch Up Zone

Numbers: Unlimited – no restrictions on number of classrooms or number of students



What is this? Find out in science week (or turn this page upside down to see the answer at the bottom of the page!)

Daily Science Quiz (Science Week Only)

Each day at 2:30pm I'll be running a 15-20min quiz on different medical and science topics.

There'll be a couple of medical images quizzes where you have to guess what part of my body I am scanning with my ultrasound machine. There'll be a Human Physiology / Body Facts quiz as well as a Guess the Medical Instrument where I'll show different pieces of medical kit and you have to guess what they are and what they are used for.

**Available as a Catch Up Show
after Live Stream: **Yes!****

How to book your Academy Pass & watch this show.

Head to this link medmav.co.uk/academy-pass or scan the QR code

Complete the booking form and create your Academy Account.

As a teacher you'll be able to access all the content from Monday February 13th through to the end of March.

You can also invite teachers to create their own accounts and access the content any time too!

All included in The Academy Pass for £195 + VAT

We'll send you REAL medical kit for your classroom!

Hands On – Have A Go – Practical Lessons

If you purchase a Medical Mavericks Academy Pass, we'll also send you some medical kit to carry out some practical work too. I'll admit it won't be an ultrasound or ECG machine, but you can try some pretty cool stuff with them.

Here's what you'll get with a Standard Pass:

- * 5 x stethoscopes
- * 5 x reflex hammers
- * 5 x pen torches

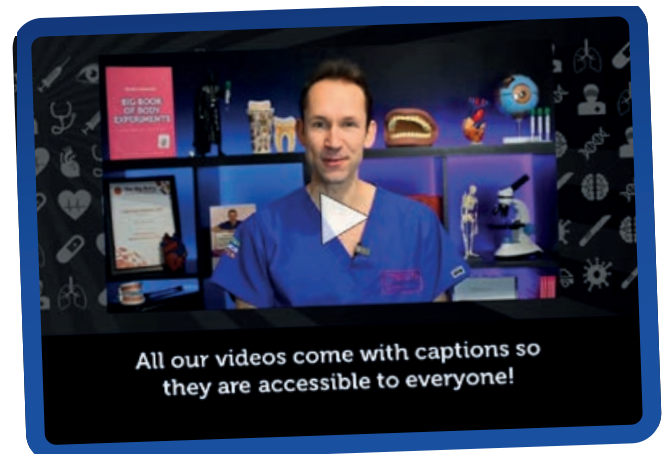


**If you purchase your pass before Friday 27th January
we'll send you 2 packs, so you get double the kit!
10 Stethoscopes, 10 pen torches and 10 reflex hammers!**

Accompanying Video Series

We don't just give you the kit either. Each piece of equipment has its own set of lesson plans and videos showing how to use the kit correctly and then explaining the science behind it. The pen torches can also be used in during The Senses Show too!

This video series is pre-recorded and you can watch these videos at any time during March.



All included in The Academy Pass for £195 + VAT

Medical Mavericks TV

– Pre-recorded Episodes

We've filmed an additional 3 mini TV series that will be released exclusively with the Pass. Each series has 5 episodes and are between 10 and 15min long each.

You can watch these any time during March.

Series 1: How we see inside the body!

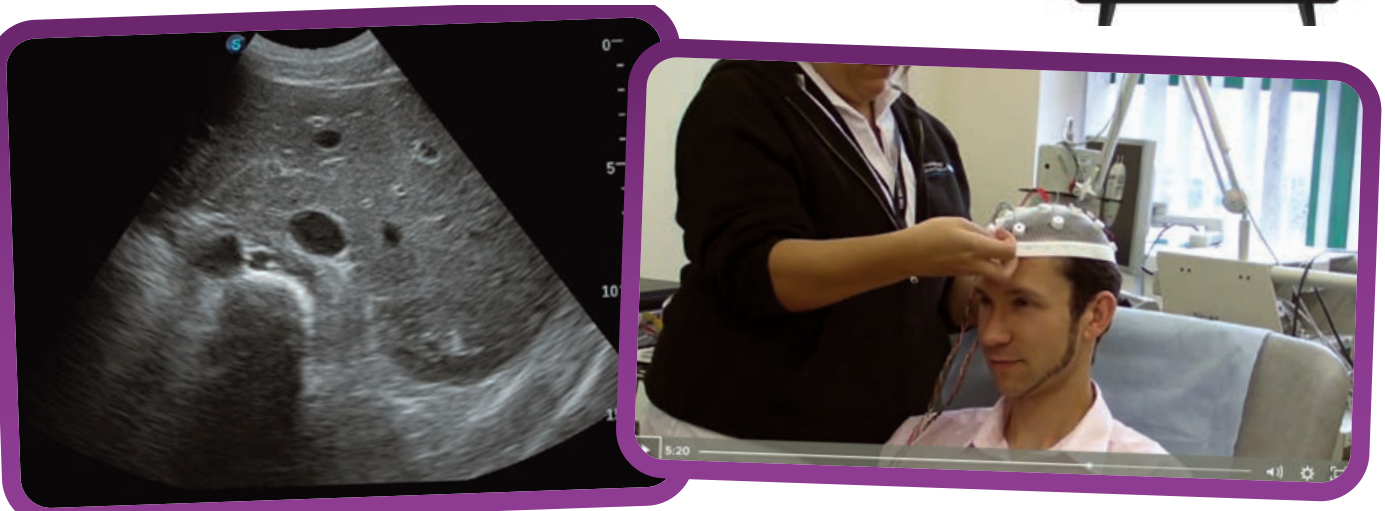
In each episode we explore a piece of medical equipment that lets us take images of the inside of our bodies. We cover Ultrasound, X-Rays, CT scans, MRI and PET scans. We'll show real images from these pieces of kit!

Series 2: Tom's Top 5 Careers

These episodes are short snippets of some of my favourite interviews with real medical professionals in the NHS and Science. Each episode is 10minutes long and give a brief insight into some fascinating careers. They include, Cardiac Physiology, Histology and Audiology.

Series 3: When Bodies Go Wrong

Not for the faint hearted, but nothing too gruesome, we look at what happens in different diseases that can affect the body. From heart attacks, to asthma to cataracts. Each episode focusses on a different disease or body part!



All included in The Academy Pass for £195 + VAT

Career Inspiration Pack

– Physical Resources

As well as the medical kit, live streams and pre-recorded content we'll also send you some physical resources for your classroom too! These'll include:

- A copy of my 2nd book – The Big Book of Body Experiments
- 100 Career Fortune Tellers (remember these?)
- 5 x Brand New A4 career posters
- 1 x Giant A1 Medical Career Map Poster



All included in The Academy Pass for £195 + VAT

VIRTUAL SHOW FEEDBACK FROM TEACHERS!

★ Virtual shows rated 9.6 /10 ★ by Teachers in 2020

😊 "The show was engaging, very well presented. Worked really well as a live call, students were engaged throughout, spiked interest amongst the class."
Sirius Academy West - Hull

😊 "The session was very interesting and entertaining. Not only did it get students thinking about careers they might not have been aware of but it also provided links to the curriculum (biology but also the electromagnetic spectrum) in a very memorable way."
Mr Jospheh - Northampton

😊 "I bumped into a parent a few days after your show and they asked me what I had done to their daughter! They had never seen her so enthused about what she wants to do as a career and was excited about her work at school! Thank you!."
Mrs Green - Essex

😊 "Informative, humourous, very relevant to the interests and needs of our students."
Elliot Hudson College - Leeds

😊 **Beckfoot School**
Thanks, this was fantastic!

😊 Huge thank you for Friday's session. It was so entertaining, interesting and of such impressive quality in terms of smoothness and quality of the live stream! Well done!
Mr Keet - Christ's Hospital School

😊 **12NM**
Thank you so much, it was really interesting and engaging.

Live Stream Quality & Audio Rated 4.7/5



😊 "That was absolutely amazing, thank you!"

😊 "Highly recommend Tom from Medical Mavericks. Gave an excellent live video lesson to my year 13's."
Helen Victoria Anderson

😊 "Ahh my pleasure! Delighted they all enjoyed it"

😊 "Thank you very much, we have really enjoyed it. The videos have been fantastic."
Mrs - UAH

😊 "We are going to show it to year 11 as the Science dept was sooo impressed!"

😊 "Fantastic session! Thanks very much Tom."
Cirencester College

Frequently Asked Questions

Can other teachers in my school access The Academy Pass?

Yes – when you order your pass, you'll create your own account inside the Academy. As the person that booked, you'll be the lead teacher for your school and you'll be able to share a special link with your colleagues so they can create their own accounts and watch all the content too.

Are you really sending medical kit for us to keep?

Yes! We know that hands on practical work is really important in science and careers guidance, so we've included 5 stethoscopes, 5 pen torches and 5 reflex hammers in with The Pass too. OK, they're not ultrasound machines, but you'd be surprised with what you can do with this kit! Just watch the instruction videos!

Is there any restrictions on what and when we can watch?

No – there are no restrictions at all. You can watch as many of the live streams and pre-recorded content as you want. You can watch the same show across multiple classrooms too. Different classrooms can watch different content at the same time as well if your colleagues create their own accounts.

We're not sure about the live streams working in our school? Can we test before March?

Yes! We'll be running regular test live streams throughout the end of February for you to join and see if it is working at your end. We'll email all the times we'll be online and the links you need to click to test.

Which year group is the content suitable for?

There is such a wide mix of content suitable for all year groups from year 4 to 6 in primary and 7 to 13 in Secondary. There will be one or two sets of content that can also be accessed by years 2 & 3 as well. However, students that will get the most from The Academy Pass will be years 5 to 9.

I need to plan what we can use during March, when can I get access?

When you order, you can create your account inside The Medical Mavericks Academy straight away. You won't be able to access anything until Monday 13th February when all the pre-recorded content goes live. This gives you about 3 weeks to look over the content and plan what you want to do in your lessons.

What's the catch? Why is it so cheap?

It's all to do with what I wrote about at the start of my letter. We need to help protect student's minds from the barrage of downbeat dismal press about working in the NHS and the amazing world of science and give as many schools as possible the opportunity to put on meaningful content and activities in Careers and Science Week. At £195 + VAT, I think we do that.

There's a lot of content, will there be a guide for us to follow?

Yes – included in your pack of medical kit and resources, will be an Academy Pass Programme, that outlines all the timings of the shows, assemblies and quizzes as well as useful info on how to access the content. We'll send you this on email too along with some short tutorial videos if you need them.

What times are the live stream shows going to be?

These will be announced in February, but there will be 2 in the morning and one in the afternoon. The Human Guinea Pig Show will be performed three times a day in Careers Week and once per day in Science Week. The Senses show will be performed twice a day in Science Week. (Careers Week is WC 6th March. Science Week is 13th March).

What tech do we need in school to access The Academy?

Just the computers in your school. It will be worth joining some of the test live streams to check they work on your computers. One piece of advice we give is to ask your IT people at your school to create accounts in The Academy so they can go and check it all works with your computer systems. We very rarely have any issues, but it is always good to check! You'll be able to access all of the pre-recorded content from Monday 13th February.

SCAN ME
TO ORDER



Head here to order
[medmav.co.uk/
academy-pass](https://medmav.co.uk/academy-pass)

How to Order Your Academy Pass

Step
1

Head to the website below
or scan this QR code
[Medmav.co.uk/academy-pass](https://medmav.co.uk/academy-pass)



Step
2

Complete the short booking form

Step
3

You'll also create your Academy Account
when completing the booking form

Step
4

Look out for your confirmation email and invoice email
that will be sent to you a few moments later

Double Med Kit Deadline: Friday 27th January for Double Med Kit
Final Order Deadline: Friday 10th February to get access for March

What to do Once Ordered

1. Head to the 'School Management' section of your account.
2. Find the special teacher link you can share with your colleagues.
3. Copy the link and share with colleagues to create their own accounts.
4. Wait until Monday 13th Feb, when you'll get access to all the Pre-Recorded content!
5. Look out for you pack in the post in the WC 20th Feb!