

Education: Learning, teaching and outreach

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2011 Life Sciences Careers Conference

Teaching and learning

These should go together!

Why Teach?

How to become a teacher...

Why consider teaching as a career?

Interest in helping people.

Use and share your knowledge.

Varied work, never the same day twice!

Money.

Job for life?

My route into teaching

Graduate Teacher Programme leading to QTS

One year 'earn as you learn' training.

Requirements of course:

GCSE A-C grades in English, Maths (and Science),

A graduate qualification BA, BSc etc.

Other routes into teaching

Other similar training SCITT, Teach First, RTP

PGCE

BA/BSc with QTS

BEd

Teaching skills and abilities (TDA)

- * Humility, respect, and empathy
- * Interaction
- * Knowledge (+ 3 skills tests)
- * Leadership
- * Planning and organising
- * Problem solving
- * Resilience
- * Self-evaluation

Further information

News update for potential trainee teachers:
Now around 100 scholarships worth £20,000.

QTS starting salary: £21,588-£36,387.

<http://www.tda.gov.uk/>

Science outreach

What is it and where might you work?

What does it look like?



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Talks:

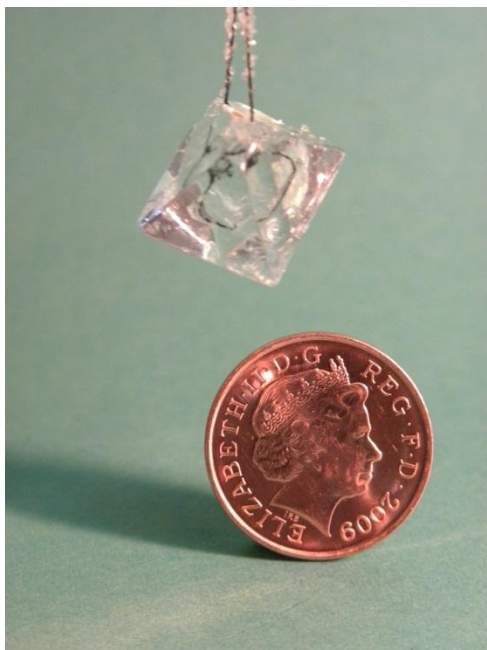




These are just a few examples of science festival activities...



Competitions:



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Mass participation experiments from space to water:



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Where to start?

Career structure / Qualifications required.

Science as a lifestyle choice!

Personal skills required similar to teaching.

Starting salary.

Science busking:



Further information

Join networks: psci-com, British Interactive Group, ABSW, STEMNET, British Science Association, Twitter, learned societies – get involved.

Speak to science communicators.

Think about your transferrable skills, make sure they appear on your CV with evidence.

Have a go at science busking = share your enthusiasm for science.



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Acknowledgments

The Training and Development Agency for Schools (TDA)

RSC Publishing

Society of Biology

Cheltenham Science Festival

Photographer - Becky Matthews

British Science Association

British Science Association – Cambridgeshire Branch:

Katia Smith-Litiere

And finally... Good luck with your studies and job hunting.

Best wishes, @AmandaChemist