

Teacher - Secondary School - Mathematics

Maths teachers prepare and give lessons in arithmetic, algebra, geometry, trigonometry and calculus. They work to guidelines set up by the Curriculum for Excellence and prepare pupils, aged 11 to 18, for national exams.

The Work

You could be:

- using a variety of teaching techniques such as whole class lessons, demonstrations, practical work and discussions
- using a range of materials including text books, worksheets, calculators and computers
- helping pupils to relate maths to everyday life, through activities such as counting, measuring and problem solving
- organising and directing the whole class and helping individual pupils as required
- setting assignments, projects, tests and exams, preparing and carrying out continuous assessment, marking pupils' work and writing reports
- keeping good order in the classroom and dealing with discipline issues
- doing administrative work, including keeping a register of pupils
- preparing for and attending parent-teacher meetings and staff meetings
- sometimes supervising out of hours activities such as visits or social events.

Pay

Teachers in Scotland are paid on a national salary scale. The starting annual salary for a probationer teacher is £28,113 (April 2022).

If you do your probationary period on the Teacher Induction Scheme, and are prepared to work anywhere in Scotland during that probationary year, you can also apply for the Preference Waiver Payment. For secondary school teachers, the payment is £8,000 before tax and national insurance.

After your probationary year, your salary will increase to £33,729 and increase an increment each year up to £42,336.

If you teach in a remote school or on certain islands you may get an additional allowance. £2,265 for a distance island and £1,614 or £3,024, for a remote school.

Where a teacher is employed in a remote school on a distant island both the remote schools allowance and the distant islands allowance are paid, in addition to the teacher's normal salary.

A principal teacher earns between £46,158 and £59,571 a year, while the scale for depute head teachers and head teachers ranges from £52,350 to £99,609 a year, depending on the size of school.

Salaries in independent schools may differ slightly.

Conditions

- You would work in a classroom.
- Your working hours are based on a 35-hour week, working in a classroom 9.00am to 3.30pm or 4.00pm. You would use the rest of the time for preparation and marking.
- You may have to do some preparation and assessment work at home, in the evenings or at weekends.
- You would have 13 weeks holiday each year, but would probably use some of this time to prepare next term's work.
- You would have to prepare for and attend parent-teacher meetings, which are usually in the evening.
- You should be aware that teaching is a mentally and physically demanding job.

Getting In

To become a maths teacher, you must have a degree (SCQF Level 9-10) in mathematics plus a Professional Graduate Diploma (SCQF Level 11) in Education (PGDE) OR a degree in Professional Education (Secondary) and Mathematics or Computing Science and Mathematics from the University of Stirling OR the degree in Mathematics with Teaching from the University of Strathclyde OR the degree in Mathematics with Education from the University of the West of Scotland (SCQF Level 10).

Your degree

- For entry to a degree course you normally need 4-5 good Highers, including Maths.
- You must also have Higher English.
- For entry to the degree in Professional Education and Mathematics at the University of Stirling, you require 4 Highers at ABBB (first sitting) or AABB (two sittings) including English and Maths.
- For the degree in Mathematics with Teaching at the University of Strathclyde, you require 4-5 Highers at AABB or ABBBC including and Maths at A and English. Advanced Higher Maths is also preferred.
- For the degree in Mathematics with Education at the University of the West of Scotland, you require 4 Highers at BBBC including Maths plus National 5 English. Higher English should be obtained before starting Year 3.
- Your degree should normally contain 80 Scottish Credit and Qualifications Framework (SCQF) credit points in mathematics, and 40 of the credit points must have been studied at SCQF Level 8 (second year undergraduate level) or above.

PGDE

- For entry to a PGDE, you need an approved maths degree together with Higher English.
- Aberdeen, Dundee, Edinburgh, Edinburgh Napier, Glasgow, Strathclyde, the Highlands and Islands (at a number of colleges) and West of Scotland (UWS) universities offer the PGDE in Mathematics.
- There is a lot of competition for places in all PGDE courses. It helps if you have experience of working with children or young people.
- For PGDE courses, apply through UCAS.

Alternative Routes

- There are a number of new teacher training programmes available, most linked to local authorities. See

[Teach in Scotland](#) for full details and to see which subjects are covered.

You will require a satisfactory criminal record check from Disclosure Scotland to show that you are suitable for this type of work. Contact [Disclosure Scotland](#) for details on the type you would need.

Newly qualified teachers who want to teach in local council schools must complete a probationary period to demonstrate that they meet the Standard for Full Registration of the General Teaching Council for Scotland (GTC Scotland). Those who wish to teach in independent schools may also require to be registered.

You are guaranteed a teaching post with a Scottish local authority for a full school year to complete this probationary period.

What Does It Take

You need to have:

- an interest in child development and an understanding of how children learn
- patience and adaptability
- enthusiasm and energy
- confidence
- a firm and assertive approach when necessary
- good organisational skills
- a sense of humour and a positive outlook.

You need to be able to:

- hold the attention of pupils of all abilities and encourage them
- able to work on your own and as part of a team
- stay calm under pressure
- get on well with other staff members, parents and carers.

Training

- You will do in-service training (often provided by local councils) throughout your teaching career.
- You might also take part time courses in specialist aspects of education, run by universities.

Getting On

- You may be promoted to be a principal teacher or head of department.
- You may then become a depute head teacher and then a head teacher.
- You might move into related work such as learning support teaching, further education lecturing, advisory work, education authority administration or schools inspection.

More Information

Most teachers work in local authority schools but there are also jobs in independent schools, British schools

abroad, such as schools for the children of British armed services and in private tuition.

Job vacancies are normally advertised on local authority websites or look on the myjobscotland website.

Contacts

Education Scotland

Tel: 0131 244 4330

Email: enquiries@educationscotland.gov.scot

Website: education.gov.scot

Twitter: @EducationScot

General Teaching Council for Scotland (GTC Scotland)

Tel: 0131 314 6000

Email: gtcs@gtcs.org.uk

Website: www.gtcs.org.uk

Twitter: @gtcs

Teach in Scotland

Tel: 0845 345 4745

Email: teachinscotland@gtcs.org.uk

Website: teachinscotland.scot

University and Colleges Admissions Service (UCAS)

Tel: 0371 468 0 468

Website: www.ucas.com

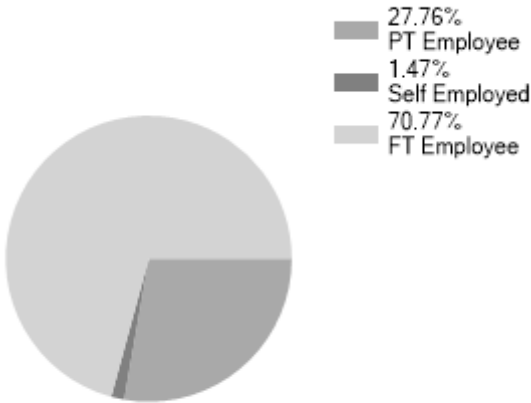
Website (2): www.ucas.com/postgraduate/teacher-training/train-teach-scotland

Twitter: @ucas_online

Facebook: www.facebook.com/ucasonline

Statistics

Employment Status UK %

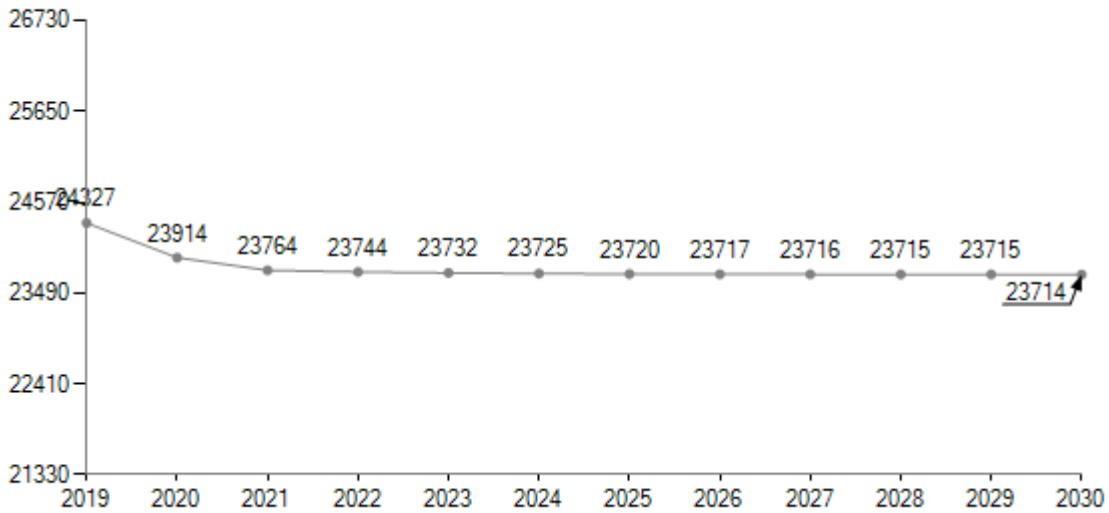


Past Unemployment - Scotland

No statistics available for Scotland.

LMI data powered by [LMI for All](#)

Predicted Employment in Scotland



LMI data powered by [EMSI UK](#)