



Benfleet Teaching School Alliance Paid Stem Internship Programme 2021

This programme is part of a government drive to attract undergraduates in STEM (science, technology, engineering and maths) subjects to consider a career in teaching. For some time now there has been a shortage of subject specialists teaching these subjects in schools.

We need highly qualified STEM teachers so that the teaching of STEM subjects can be improved and the attainment and progress of pupils rises.

The aim of our paid STEM internship programme is to provide classroom experience to help you decide if teaching is for you and to support you in making a future ITT (initial teacher training) application. In addition, we welcome the contribution that you can make to STEM teaching during the 4 weeks you are with us by carrying out a number activities and by completing an individualised project.

Over the course of the 4 week programme, successful applicants will take part in a programme that will give a flavour of the different aspects of the teacher's role within a school. They will:

- Complete a research project on T+L from a given list of focuses.
- Observe Lessons within the department and be given time to reflect on what has been seen.
- Be attached to a tutor group to understand the pastoral role of a teacher.
- Be given a mentor throughout the programme. The mentor will provide a daily briefing, a weekly meeting discussing the lesson observations and project.
- Track a SEN/EAL student across a day.
- Attend staff meetings.
- Have time allocated for skills test preparation.
- Have time to reflect on the teaching practice they have seen and its relation to the teacher's standards.
- Visit a Primary School
- Visit a Sixth Form
- Aim to teach part or a whole lesson to a pre agreed group.
- Have the opportunity to work with small groups of students for intervention
- Be involved with extracurricular activities.

The 4 Week Plan

The four week programme will aim to build confidence and experience in the classroom leading to the intern teaching, with support, parts of and if agreed an hour long lesson

Most of the 4 weeks will consist of a given timetable of classes, designed by the mentor. The classes will give a good mixture of age and ability. The expected time of day will run from 8.15. to 4pm.



On the first day, all interns will meet together for the internship induction programme detailing the teacher's standards (including professional) and what they will be experiencing over the next 4 weeks. As a collective, the interns will also have a meeting to discuss the research project and choose what they will be looking into over the course of the programme.

Over the course of the first day the interns will also meet their mentor to discuss the programme on a one to one basis, be given their timetable and have a tour of their school. As part of the timetabled lessons, interns could be used to provide small group revision or intervention to selected pupils. The final lesson of the day should be used as an opportunity for the intern to work on their project or to reflect on what they have seen that day. During the course of the programme the Interns will begin to deliver parts of lessons. In their final week they will, where appropriate, deliver a whole lesson so that they can put into practice what they have seen and reflected upon.

Each intern will complete a Subject Knowledge audit during the programme to enhance their understanding of the STEM curriculum in schools and the level of understanding expected in the secondary age phase. Completion of structured observations and reflective writing will give interns a flavour of what is expected on a PGCE programme and how to develop their reflective writing skills.

| Week | Day | Professional Studies Programme | Other |
|-------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Monday 8.15-12.15 | Induction. Child Protection, school expectations, planning and observing lessons, positive approaches to student behaviour. | Host school tour and meet the department. Mentor meeting to agree research project and agree class to be taught. Agree TT. Track an SEND or EAL student across the school. |
| 2 | Monday 8.15-12.15 | Subject knowledge for teaching and behaviour management. Creating resources for teaching STEM subjects will be an important part of this programme, as will dissemination of subject expertise to STEM subject departments. | Primary school visit Mentor meeting to review subject knowledge audit, discuss progress on research project and reflect on experiences. Ideas about creation of resources to be discussed. |
| 3 | Monday 8.15-10.15 | Questioning and AFL | Mentor meeting to look at progress towards teaching a full lesson. |

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| | | | 6 th form experience if not already completed. Try out resources. |
| 4 | Friday 1.00- 4.00 | Presentations on research projects, assistance with applications and skills tests. | Mentor meeting Teach the agree lesson and receive written feedback on this. |

You will be paid £300 for each full week you attend this programme.

At the end of the programme trainees will have a taught session about applying for ITT courses – different routes, requirements and how to make a successful application. They will finalise their SK audit and reflective log and deliver a presentation about their internship to school and university colleagues.

Interns will receive follow-up support from Benfleet TSA and will be able to remain in contact with their mentor. They will be invited to future teacher training marketing events and encouraged to make an early ITT application. If applying for Benfleet TSA places they will be guaranteed an interview, but all interns will receive support for completing their UCAS application no matter which route they choose. Benfleet TSA S will be able to provide a reference for ITT applications and support for the Professional Skills Tests alongside advice on Subject Knowledge Enhancement programmes.

Timescales:

| Activity | Key milestone/delivery date |
|-------------------------------|------------------------------------|
| Application deadline | April/May 2021 |
| Interviews | May 2021 |
| Programme delivery | 4 weeks June - July 2021 |
| Induction day for all interns | Monday 14 th June. |