

## PROFILE

- Innovative and reflective Secondary Science Teacher with 3 years' post-qualification experience across KS3 to KS4 in Biology, Chemistry and Physics, and at KS5 in Chemistry and Applied Science.
  - Specialises in inquiry-based and metacognitive approaches, with a strong record of supporting EAL learners (including large cohorts of Hong Kong students) and students with a wide range of SEN.
  - Integrates educational technology and bespoke app development to enhance assessment, feedback and student engagement.
  - Committed to building science capital, leading enrichment and contributing positively to whole-school initiatives in diverse, inclusive communities.
- 

## QUALIFICATIONS

- PGCE Secondary Science with QTS - University of Nottingham, UK, 2021
  - BSc (Hons) Pharmaceutical Sciences - Sheffield Hallam University, UK, 2012
  - A Levels: Biology, Chemistry, Physics - Tapton School, UK, 2009
- 

## TEACHING EXPERIENCE

TEACHER OF SCIENCE – Netherthorpe School, Chesterfield, UK, September 2023 to Present (11 to 18 school; AQA GCSE; AQA/OCR Applied Science)

- Teach Biology, Chemistry and Physics across KS3; Biology and Chemistry at KS4; Applied Science at KS5, ensuring strong progression in mixed-attainment classes.
- Design and deliver targeted intervention for underachieving GCSE Science and Separate Science students, improving assessment scores and confidence.
- Coordinate and deliver Science Club and CREST Award projects, building students' science capital and linking learning to STEM careers.
- Cultivate positive relationships with students, colleagues and leaders, contributing to a collaborative, improvement focused science department.
- Completed Early Career Framework induction.

TEACHER OF SCIENCE (MATERNITY COVER) – Chilwell School, Nottingham, UK, November 2022 to September 2023 (11 to 18 school; AQA GCSE)

- Taught Biology and Chemistry at KS4 and all three Sciences at KS3, adapting lesson sequences to meet diverse linguistic and academic needs.
- Developed and implemented strategies to support substantial numbers of EAL learners, enabling access to curriculum content and improved classroom participation.
- Differentiated tasks and resources for students with a wide range of SEN, working both in class and one-to-one to support academic progress, wellbeing and inclusion.
- Contributed to science extracurricular provision and career-linked activities, broadening students' understanding of STEM pathways.

TRAINEE TEACHER OF SCIENCE – Alderman White School, Nottingham, UK, January 2022 to September 2022 (11 to 18 school; AQA GCSE; OCR KS5)

- Taught all three Sciences at KS3 and KS4 and A-Level Chemistry at KS5, under close mentoring, with responsibility increasing progressively.
- Planned and delivered lessons for a Year 10 higher-attaining class including 12 Hong Kong EAL students with varying English proficiency, using translators, AI tools and visual scaffolds to secure progress towards challenging objectives.
- Integrated Google Classroom and one-to-one device access to enable live marking, whole class feedback and real-time monitoring of effort and understanding.
- Supported Eco Club and school trips, linking environmental issues to curriculum science and developing students' sense of responsibility.

TRAINEE TEACHER OF SCIENCE – David Nieper Academy, Alfreton, UK, October 2021 to December 2021 (11 to 16 school; AQA GCSE; high SEN cohort)

- Taught Biology, Chemistry and Physics to ages 11 to 15 in a context where approximately 40% of students were identified with SEN.
- Collaborated with experienced teachers and support staff to observe, adopt and refine inclusive strategies for students with varied learning profiles.
- Adapted lesson materials to support access and stretch in mixed ability classes, embedding clear routines and metacognitive prompts.
- Supported Science Club, promoting curiosity, hands-on investigation and positive attitudes towards science.

---

## PROFESSIONAL DEVELOPMENT

- School-led CPD, for example: Understanding and Using Reading Data; Providing Feedback that Moves Learning Forward; Reading and Supporting Literacy Across the Whole School; Positive Climate - A Trust Wide Approach to Embedding Learning Behaviours in Every Classroom; Improving Teaching and Learning; Understanding Autism; Strategies in AfL.
- The National College Online: Safeguarding for Staff; Certificate in the Prevent Duty.
- Starting to Teach Webinar: Cambridge Advanced National (AAQ) Level 3 in Applied Science H051/H151, delivered by Cambridge OCR CPD Team.

---

## SKILLS

### Classroom Teaching & Pedagogy

- Embed inquiry-based and project-based learning, including CREST projects and Applied Science coursework, to deepen conceptual understanding.
- Integrate metacognitive strategies such as modelling, self-explanation and reflection, to build students' independence and exam readiness.
- Apply a range of formative assessment techniques to diagnose misconceptions and adjust teaching responsively.

### Inclusion: EAL & SEN

- Design and adapt resources for EAL learners using dual coding, structured talk, vocabulary scaffolds and technology.
- Differentiate for a wide range of SEN (communication, cognition and SEMH needs), in collaboration with SEND teams.

### Edtech, Data & App Development

- Use Google Workspace, Microsoft 365, SIMS, Satchel One and other platforms to manage learning and tracking.
- Develop functional websites, classroom tools and bespoke apps and programs (such as Word/Excel macros) aiming to streamline assessment and reporting.
- Analyse attainment, progress and behaviour data to identify trends and support evidence based planning.

### Enrichment & Pastoral

- Lead Science Clubs focused on inquiry, exhibitions and STEM career-linked projects, including successful delivery of Bronze CREST Awards.
- Build strong relationships with students and families, promoting wellbeing and positive engagement.

---

## REFERENCES

Rachel Sutcliffe | Headteacher | Netherthorpe School | Email: [rsutcliffe@netherthorpe-mlt.co.uk](mailto:rsutcliffe@netherthorpe-mlt.co.uk) | Tel: +441246472220

Steven Fox | Head of Science | Netherthorpe School | Email: [Sfox2@netherthorpe-mlt.co.uk](mailto:Sfox2@netherthorpe-mlt.co.uk) | Tel: +441246472220