

Laura Cascos

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Profile

A qualified and experienced Science Teacher who takes pride in her ability to maximise each pupil's learning by identifying and addressing their individual needs. Her teaching skills are complemented with a strong background as a Laboratory Technician and Researcher.

Currently looking for a position as a Teacher of Science in a secondary school in the United Kingdom.

Skills

- Outstanding knowledge of Biology, Chemistry and Physics up to KS5
- Extensive experience planning and running practical lessons
- Excellent driving of new technologies
- Strong experience in supporting pupils with special needs
- Used to working in multicultural and challenging environments
- Eager to take on new responsibilities
- Great organisational skills
- Solid interpersonal and teamwork skills
- Strong willingness to keep improving and gaining up to date knowledge
- Energetic and positive attitude
- Commitment with the school's success

Employment History

December 2015 - Current

The Nightingale Academy, United Kingdom
Science Teacher

Responsible for teaching the National Curriculum in Science to secondary students.

- Teaching Biology, Chemistry, Physics up to KS5
- Preparing and delivering lessons to a range of classes of different ages and abilities, selecting and using different learning resources and practical lessons
- Preparing pupils for qualifications and external examinations; GCSE
- Researching new topic areas and maintaining up-to-date subject knowledge
- Marking work, giving appropriate feedback and maintaining records of pupils' progress and development
- Liaising with other teachers, support staff, parents and carers over pupils' progress
- Managing pupil behaviour in the classroom and on school premises, and applying appropriate and effective measures in cases of misbehaviour

April 2014 - Current

Self-employed, United Kingdom
Private Maths, Science and MFL Tutor

Responsible for guiding and supporting the educational development of Primary, Secondary and University students in Greater London.

- Teaching Biology, Chemistry, Physics, Maths and Spanish up to KS5
- Preparing appropriate lessons for GSCE and A-level in Biology, Chemistry, Physics, Maths and MFL
- Practising tests and mock exams targeting an optimal performance on their results
- Providing interactive learning resources and syllabuses

November 2014 - December 2015

The John Roan School, United Kingdom
School Science Technician

Science Technician in a specialist school in Science and Maths providing technical support to teachers and their students for their practical lessons.

- Providing practical lab equipment to Biology, Chemistry and Physics up to KS5
- Planning workload in advance and organising timetables, equipment requirements and work plans according with the national curriculum
- Managing data and accuracy to set up qualitative and quantitative assessed practicals
- Preparing chemicals and running trials and demos of experiments in the classroom
- Organising the stock of chemicals and handling with radioactivity stuff, biohazards and disposal of waste.
- Ensuring that all health and safety procedures are understood and followed during the lessons
- Working as a part of a school team of technicians and teachers

July 2003 - September 2014 Self-employed, Spain
Private Maths and Science Tutor

Responsible for guiding the educational development of Primary, Secondary and University students either in person or via videoconference

- Preparing appropriate lessons for GSCE and A-level in Biology, Chemistry, Physics, Maths and MFL
- Practising tests and mock exams targeting an optimal performance on their results
- Supporting pupils with learning difficulties (dyslexia, ADHD and EAL)
- Providing interactive learning resources and syllabuses
- Collaborating with teachers, parents and classmates to track students' progress
- Working one to one and with small groups of pupils

Sept 2012 - Dec 2012 Octavio Paz Secondary School
Supply teacher

Responsible for teaching Biology and Geology to secondary school students. In charge of organizing classes and responding to the strengths and needs of students during the lessons.

- Participating in the development of appropriate syllabuses and resources
- Planning and managing practical lessons in the laboratory
- Preparing weekly tests and exams
- Providing support and private overtime meeting with the students

Jan 2012 - Aug 2012 Inmunotek
Lab technician

Responsible for manufacturing products and drugs for allergy and immunology for human and veterinary pathologies.

- Identifying pathogens responsible for the patient's disease by analysing their biological samples
- Manufacturing customized vaccines
- Elaborating bacteria, fungi and acarous cultures
- Performing Quality Assurance analyses
- Designing effective work plans to achieve production commitments
- Researching among with other scientific teams about the latest technology and discoveries
- Following and ensuring strict health and safety procedures
- Managing disposal of waste and biohazard residues

Dec 2011 - Jan 2012

Science & Technology National Museum, Spain
Science Instructor

Responsible for guiding and teaching secondary and primary students during their visit to the museum, as well as collaborating as a volunteer in science fairs and events.

- Organizing guided visits for school students and other visitors
- Teaching the topic "Science and Technology along the history"
- Supporting and contributing to make a museum guidebook
- Planning and developing appropriated age activities during science week and events

Dec 2009 - July 2010

Universidad Complutense de Madrid
Assistant Researcher

Responsible for researching the effects of heavy metals in growing patterns for several species of grass, with phytoremediation and environment applications. This project was managed by the University of Madrid and CSIC-CCMA (Centre of Scientific Research and Environmental Science Centre).

- Planning and design schemes of scientific work
- Planting and collecting samples by working both in laboratory and field
- Analysing data and unravelling the results
- Using IT tools to make scientific reports
- Staying current on the latest science technology and keeping in touch with other research teams

Dec 2006 - July 2009

Tumour Immunology Department, La Paz Hospital
Assistant Researcher

Working as a lab technician for several doctorate and PhD tumour immunology projects and researching on cloning in pcDNA 3.1+ of NFkB2 (p100) transformation protein and expression in E.coli.

- Design and perform the experiments and preparing technical reports
- Developing competences and acquirements on Clinical Immunology and Molecular Biology
- Working both in genomic and proteomic projects
- Working with biological and chemical hazards in the laboratory

Education

25th September 2014	Qualified Teacher Status (QTS) Teacher Reference Number: <i>1549080</i>
Oct 2011 – Sept 2012	Universidad Nacional de Educación a Distancia Master's Degree in Integrated Systems of Quality Management, Environment, R&D and Risk Assessment, Faculty of Economics.
Nov 2011	Universidad Alcalá de Henares CPD Formation for EU Teachers, Faculty of Law
Sept 2010 – July 2011	Universidad Alcalá de Henares Master's Degree in Compulsory Secondary School, Baccalaureate, Vocational Education and Language Teacher Training, Majoring in Biology and Geology, Faculty of Science
Sept 2004 – Feb 2010	Universidad Complutense de Madrid Degree in Biochemistry, Faculty of Biology & Chemical Sciences

Voluntary work

April 2015 - May 2015	TutorFair & Teach First Voluntary Science tutor for secondary school mentees
March 2003 - June 2009	Nuevo Encuentro, Leisure Centre Leisure activities supervisor
Jan 2012 - April 2014	Diligencia Social Dining of Madrid Charity volunteer

Languages

- Spanish: native
- English: C1 (Advanced)
- French: B2 (Intermediate)

References available on request