

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.

Currently looking for her first teaching position in the United Kingdom, ideally as a Teacher Assistant in a Secondary School.

Skills

- Outstanding knowledge of Biology, Chemistry and Physics up to KS5
- Excellent knowledge and experience with practical lessons
- Passion and enthusiasm for teaching science
- Love for bringing new ideas to the school
- Enjoyment of taking on new responsibilities
- Excellent driving of new technologies
- Strong experience supporting learners with special needs
- Great organisational skills
- Commitment to be a visible model of excellence
- Superb interpersonal and teamwork skills
- Strong willingness to keep improving and gaining up to date knowledge
- Great experience working in multicultural environments
- Energetic and positive attitude
- Commitment with the school's success

Employment History

November 2014 - Current

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 - Current

Self-employed
Private Maths, Science and MFL 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 acarus 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 CSICCCMA (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

Teacher Reference Number: 1549080

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 Science

Voluntary work

April 2015 - Current

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

References available on request