


Robert Mansfield

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Summary

Currently teaching Science in all three subjects (Biology, Chemistry, Physics) from KS3 to KS4, specialising in Physics at KS4. Other responsibilities include the leadership and development of the KS3 Science curriculum within the school. Pastoral roles of a vertical (year 7 to 11) tutor group. Line managing two members of the department to ensure positive growth in their teaching careers.

Good team worker/communicator with members in and out of the department providing positive feedback about my approach to teaching and my enthusiastic approach to consistently sharing good practice.

I have a large amount of knowledge and experience working outside of education within a highly specialised field (geophysics). My teaching experience might not be the longest (5 years) but I have quickly learned and applied my understanding of education to a high level.

Experience

Teacher of science and KS3 coordinator

Calthorpe Park School

Sep 2019 - Present (2 years 5 months +)

Teaching Science in all three subjects (Biology, Chemistry, Physics) from KS3 to KS4, specialising in Physics at KS4.

Other responsibilities include:

- The leadership and curriculum development of the KS3 Science curriculum within the school.
- Pastoral roles of a vertical (year 7 to 11) tutor group.
- Line managing two members of the department to ensure successful professional staff development.

Teacher of Science

Calthorpe Park School

Jan 2018 - Present (4 years 1 month +)

Teaching Science in all three key subject areas (Biology, Chemistry, Physics) from KS3 to KS4, specialising in Physics at KS4.

- Providing tutoring and intervention for underperforming students
- Lesson Planning for varied and engaging classes for all students.
- Applying classroom management inline with school policies and expected behaviours.

Intepretation Geophysicist II

TGS

Apr 2013 - Dec 2015 (2 years 9 months)

Seismic and potential field data interpretation using workstations and incorporating the results of geologic studies based on well data. Duties include:

- Using seismic software to perform seismic interpretation under supervision from more experienced staff.
- Working as part of a project team.
- Picking horizons & faults, creating suitable attributes and maps.
- Identifying seismic sequence boundaries and recognising hydrocarbon leads / prospects / creating and using synthetic seismograms.
- Undertake other support tasks such as data loading / conditioning / depth conversions
- Work on seismic facies, play fairway analysis and use of volumetric software applying risking procedures.
- Perform other duties as required during interpretation projects: such as preparing reports and data examples for use in presentations, undertaking internet searches for background material, assisting the geology group with interpretation of well log data

Depth Processing Geophysicist

Fugro

Jun 2011 - Mar 2013 (1 year 10 months)

Creation of depth velocity models for use in Pre-Stack depth migrations and seismic image processing.

Producing:

- Increased image quality in laterally varying geological structures (Fault structures / salt bodies / channels modelling).
- Providing enhanced seismic imaging for further interpretation
- Well miss-tie reduction in both time / depth domains.

Field Geophysicist

ARKeX

Jun 2008 - May 2011 (3 years)

Airborne and marine acquisition of gravity / magnetic / Lidar data for clients in the oil and gas industry.

- Maintenance of all equipment to ensure continuous production
- Working in small teams with strict deadlines
- QC of collected data and first level of data processing.
- Report / technical paper creation for deliverables to clients

Education



Keele University

MGeoscience, Geology, Geography

2003 - 2008

Skills

Geophysics • Geology • Seismic Imaging • ArcGIS • Field Work • Geophysical Surveys • Earth Science • Geodepth • Science • Secondary Education