Nachhilfelehrer/in ID: 21646

Ort: E1W3QU LONDON, United Kingdom

Online-Option:

Ich bevorzuge Unterricht vor Ort, aber schließe Onlineunterricht nicht aus.

Fächer:

Physics, Mathematics, Statistics

Qualifikation:

Diploma in Education (DipEd, UNSW 2012)

Ph.D. in Theoretical Particle Physics (University of Oxford, 2002).

Bachelors Degree in Physics (University of Ioannina 1998)

Diploma in Business (Kent Institute of Business and Technology, 2012).

Niveau:

Mathematics, Statistics and Physics for all levels (GCSE, iGCSE, A-Levels, University). I have experience in all
boards

Details:

I am a fully Qualified Secondary School Teacher (Science). Over the last 10 years, I have been involved in Private Tuition in the areas of Mathematics and Physics for Exam/College Preparation as well as University Level Courses. I have experience in the UK (GCSE & A-Levels), the International Baccalaureate curriculum in Physics (SL/HL) and Mathematics (SL/HL), the Australian (Year11 & 12) School System as well as Oxbridge Admission tests (PAT/STEP). Furthermore, I have worked as an Academic Researcher (Theoretical Particle
Physics).

Professional Experience
I am a full-time Private Tutor in Mathematics and Physics. A large part of my work is related to

University Level tuition but also the last two grades of High School (exam preparation).

From my placements in UK and Australia I have extensive experience and knowledge in teaching 1st and 2nd year Physics courses, such as Classical Mechanics, Classical Electrodynamics, Thermodynamics, Calculus, Statistics as well as more advanced 3rd and 4th year subjects, such as Quantum Mechanics, Quantum Field Theory, Optics & Lasers, Particle Physics, Special and General Relativity
etc.

Moreover, I have taught various topics in University Level mathematics, such as Calculus, Advanced/Multivariable Calculus, Algebra, Complex Analysis, Group Theory, Differential Geometry, Differential Equations, Mathematical Physics,
etc.

Furthermore, I have experience in the UK schooling system and currently work with a number of London based tutoring offices, teaching Physics and Mathematics for GCSE/iGCSE and A-Levels (AQA, CCEA, OCR, WJEC
).

I also have experience in GRE Subject Tests (Physics and Mathematics) preparation as well as SAT and GMAT (Math/Quantitative/Analytic
sections)

Warum es mir Spaß macht:

Teaching Statement

Obviously, apart from the context itself and the expertise in the related fields, there are other essential components of successful teaching like personality, enthusiasm, versatility, appreciation of the importance of outreach, and most important a relation of understanding between the lecturer and the
students.

Apart from the previous, I think that it is crucial to provide students with a working knowledge of physical systems and to teach them problem-solving skills for building upon this knowledge. Teaching a person to think analytically is at the core of what a student should take away from any science course. For students not majoring in physics/maths, it is important to teach them how science affects their daily lives and how to make informed decisions about it based on information available. For physics/math majors it is crucial to teach them the knowledge pertinent to their course of study and how scientists solve difficult problems using approximation, computational, and other quantitative methods. These important tools are invaluable to future researchers because they aid in the careful design of experiments and in determining the predictions of a model or theory. I would also strive to cover a range of topics in my courses. This would enable me to teach an array of different methods for approaching physical problems and to demonstrate how similar

approaches can be applied to problems from disparate fields. Furthermore, being a theoretician, I am well suited to teach physics majors how to construct theories and models, to derive predictions from these models, and to test these predictions against empirical data they have collected from the literature or obtained in the laboratory. Mentoring the research of undergraduate and graduate students is one of the most long-lasting contributions a researcher can make, and it is a process that I find fun and
rewarding.

From my experience, I learned the importance of engaging students through examples and of pitching material at a level that assumes intelligence but not necessarily knowledge, blending the known with the unknown in a combination that gives the student the feeling of possibility rather than that of impossibility that formal and impressive methods may impose. I would also enjoy teaching introductory physics courses. Although it is often challenging to teach introductory students, it is a challenge I thoroughly enjoy. Preparing lectures and solution sets forces me to communicate fundamental ideas in simple terms and to think deeply again about some of the most basic principles in
physics.

During my graduate school period, I had the chance to become familiar with the system of tutorials that some of the British universities offer. This much more personalised system provides the opportunity of outside of the classroom discussion and interaction which are a crucial part of the learning process. Many students who are reserved in class, ask excellent questions in smaller settings and thus, learn much more. I greatly value the instruction and mentorship I received while in college and feel strongly about providing quality education to current and future
students.

Preis:

VHS (Verhandlungssache), ab 11 EUR/h

Weitere Kontaktmöglichkeiten:

Eigene Webseite: Ja, vorhanden.

Telefon: Ja, vorhanden.

Mobil: Ja, vorhanden.

E-Mail: Ja, vorhanden.

Kontaktdaten sind nicht öffentlich und werden erst nach Kontaktaufnahme ausgetauscht.

Kontakt aufnehmen:

uroki.com/register
Registrierung kostenlos und unverbindlich.
Vergütung ist Verhandlungssache (VHS).

Preise & AGB:

Mehr Informationen unter: Preise | AGB | Impressum | Datenschutz