

Research Assistant I (Two posts) (Ref: 2500346)
Department of Mathematics and Information Technology

Project Titles: Mathematics Teachers' Perceptions of Mathematical Modelling: A Comparative Study in Hong Kong and Mainland China

[Appointment Period: around 4 months]

The appointee will be responsible for conducting research projects aimed at understanding mathematics teachers' awareness, attitudes, and practices regarding mathematical modelling in Hong Kong and Mainland China. The project will also identify the concerns and explore potential effective strategies for mathematics teachers when implementing mathematical modelling in the classroom.

Specific duties include preparing research materials, data collection, data coding, quantitative and qualitative data analysis, report writing, and supervising student helpers. The appointee is also expected to provide administrative support to the Principal Investigator and the research team. The appointment will be for a period of around 4 months, with the possibility of renewal subject to mutual agreement.

Applicants should have a Bachelor's degree or above in Educational Measurement and Assessment, Curriculum and Instruction, Mathematics or Science Education or other related fields. Applicants should be competent in academic research, proficient in statistical analyses (e.g., SPSS, R, or other data-analysis software), and have good communication skills in both written and spoken English and Chinese are essential. Applicants should be self-motivated, responsible, organized, and able to work independently and in a team. Experience in educational research, curriculum material design and mathematical modelling would be an advantage.

For further enquiries about the posts, please contact Dr ZHANG Qiaoping, at zqiaoping@eduhk.hk.

Salary will be commensurate with qualifications and experience. Fringe benefits include leave and outpatient medical benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV. **Review of applications will start from 4 April 2025, and will continue until the post is filled.** Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised. Since the incumbent's work would involve contacts with persons aged under 18 and/or mentally incapacitated persons, prospective employee(s) will be required to undergo Sexual Conviction Record Check operated by the Hong Kong Police Force.

Further information about the University is available at <http://www.eduhk.hk>.

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