



## **Dr Frost Learning**

**Director of Learning (Maths)**

**We are seeking a highly talented and experienced teacher or product design specialist with a deep understanding of end-to-end curriculum content design: from initial strategy and concept, through to production and QA, impact and evaluation and subsequent iteration. This person would ensure we have coverage across the National Curriculum in our different content streams, with some expectation to produce content, but also a budget to form a panel of experts (both primary and secondary), contract out resource production and make future permanent hires.**

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### **About the Charity**

The vision of Dr Frost Learning is to deliver high quality education for all individuals and institutions regardless of income, centred around the philosophy that education is a fundamental right of all and central to addressing social inequality on a global level. At present this is via the 'Dr Frost' online platform, which has 1600 subscriptions in the UK and internationally; during the lockdown it was within the top 200 most visited sites in the UK. The platform allows students to independently learn mathematics via online practice of questions, supported by teaching videos, as well as tools for teachers to set and monitor tasks and create 'courses'. The site also offers downloadable teaching resources for classrooms, with around 20 million downloads, and we have ties with publishers such as Pearson. The platform mostly serves UK schools and British international schools overseas, but there is a global focus to cater for curriculums overseas via liaisons with international exam boards. Longer term, we are planning to expand into Physics and Chemistry.

The charity was founded by Dr Jamie Frost. He received the Covid Hero Award in the Global Teacher Prize 2020 and was listed in the Sunday Times Alternative Honours List in December 2021.

The charity currently consists of 4 full-time staff (with our software development team currently being expanded) and around 40 contracted staff.

### **Description**

This is a full-time permanent post, with flexible working hours. You'll work predominantly remotely unless otherwise directed, reporting directly to Jamie. You may be required in some face-to-face meetings or representing the charity at events.

## Responsibilities and Duties

Day-to-day responsibilities of the Director of Learning (Maths) include:

- Overall editorial responsibility across our four 'resource streams':
  - downloadable teacher resources (PowerPoints/worksheets),
  - worked example videos,
  - exam questions and
  - our question generators (known as 'Key Skills').
- Forming a team of content contributors in both KS2-5, to produce PowerPoints, worksheets and videos, ensuring high quality of content, and full coverage across the curriculum. In particular there would be an initial emphasis on broadening our coverage of KS2, but also providing more resources for lower ability KS3 students, more coverage for GCSE Foundation Tier and refinement of existing materials. Jamie would likely continue to contribute videos for KS3-5.
- Line management of any future permanent hires related to site content, and coordinate their recruitment.
- Time-permitting, contribute to the production of resources, whether PowerPoints or teaching videos.
- Have responsibility over our organisation of content, i.e. our 'topic trees', and carefully considering learning order.
- Having editorial oversight over our exam question editing team (consisting of around 10 contracted workers), currently led by one member of this team.
- Providing model questions for our question generator development team (consisting of 6 programmers) in collaboration with a panel of expert advisers.
- Have pedagogical oversight over new projects on our platform, including a new version of our 'Live!' game, new numeracy offerings and potential development of more comprehensive 'Dr Frost schemes of work' for schools. In general consulting with developers and product designers to advise pedagogically as the online platform evolves.
- Work with our Director of Training & Outreach to research curriculums in other countries to drive our international expansion, including the International Baccalaureate.
- Be a spokesperson for our organisation, deputising for Jamie where appropriate, including potential delivery of talks, e.g. ResearchEd, maths conferences.
- Ensuring our content output aligns with the educational philosophy of Dr Frost Learning.

## Requirements

We are looking for a highly experienced teacher with a history of resource production and a deep knowledge of the various facets of excellent resource design.

Essential skills include:

- At least 5 years' experience as a classroom teacher or as a product design specialist.
- A proven track record in the production of high-quality educational resources.
- Expert knowledge in how students learn at all ability levels, how to appropriately scaffold teacher instruction, and the pedagogy of good classroom resource design across the curriculum.
- An eye for good aesthetic design.
- The ability to critique and quality-assure educational resources from a pedagogical and structural standpoint at scale.
- The ability to lead a team of contributors and work across a large variety of teams within our organisation.
- Keep abreast of research developments for the teaching of maths, as well as the evolution of the National Curriculum and revisions in exam board specifications.
- Excellent mathematical skills with a love of mathematics.

- Exceptional interpersonal and written communication skills.
- Some knowledge of the KS2 curriculum or a willingness to learn.
- A pro-active, entrepreneurial approach.

### **Remuneration and Benefits**

- The salary is £65-70k per annum.
- The scope for the role to become more senior as the charity expands.
- The ability to work flexibly from home.
- 10% pension contribution.
- 25 days holiday a year in addition to bank holidays (with some limits on the number of days taken during school holidays).
- The opportunity to lead in a rapidly growing high-profile charity, already with a significant role in UK maths education.

### **Safer Recruiting**

Dr Frost Learning is committed to safeguarding and promoting the welfare of children and young people and expects all staff to share this commitment. The post you are applying for is subject to an order under Section 4(4) of the Rehabilitation of Offenders Act 1974. Applicants must therefore provide information about all: convictions, cautions, warnings, reprimands, binding over or other orders, pending prosecutions, criminal investigations that are not “protected” as defined by the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975 (as amended in 2013). The position involves substantial online access to children and sensitive data about children so it is subject to an enhanced check by the Disclosure and Barring Service.

### **How to apply**

Please send a copy of your CV and a short (maximum 2 pages) letter to [jamie@drfrostmaths.com](mailto:jamie@drfrostmaths.com) on how you address the essential skills. Please explain any gaps in your employment. Please provide details of 2 references who can talk to your ability to do this role. We will not contact them without your permission.

We will be willing to negotiate the start date for the right candidate, with the potential for a contractual arrangement until the end of the academic year. If a current school teacher/school consultant, ideally the successful candidate would start June 5th (after the summer half term) or earlier.

The application process will consist of an initial discussion, then a task, and then a final interview for those who make the final shortlist.

The deadline for applications for this role is 3rd April 2023 but applications will be reviewed on a rolling basis.