



## Developing a mathematics professional – 5 days training

Improving the skills of classroom mathematicians

### ABOUT THIS TRAINING

This 5-day webinar\*\* training programme will seek to develop and support classroom professionals who teach mathematics. It will look at the reasons why mathematics is taught and various strategies that can be used to engage students in the subject. Problem solving will be investigated in detail and critical thinking/higher order thinking skills will feature throughout the training. The importance of questioning, both in verbal and written form, will also be a focus of the training, with an emphasis on the need to get students to think! Practical suggestions for the classroom will be given.

\*\* each webinar lasts 1 hour

### WHO SHOULD PARTICIPATE?

- Teachers – (Grade 3 upwards but others are welcome to attend)
- Heads of Department/Faculties
- Support workers

### SUMMARY OF CONTENT

- **Day 1: Why mathematics?**
  - *How do you answer the question, “When will I ever use this sir?”*
- **Day 2: Effective strategies for any classroom situation**
  - *Is there a strategy that is more important than any other?*
- **Day 3: The world of problem solving**
  - *How do students become effective problem solvers?*
- **Day 4: Questions, questions, questions!**
  - *What is an effective question?*
- **Day 5: Now that I have learnt!**
  - *Which is the best way to put it all together?*

### TRAINER\*\*

- **David Bird** is director of *nilsbird training*. Having begun as a mathematics teacher in 1987, David has spent his time in education working with students of all abilities and, since 2009, has toured the globe supporting teachers, specialising in mathematics. Countries visited have included Kyrgyzstan, Sierra Leone and Zambia. David aims to encourage teachers to see learning as something holistic and not just about results. He seeks to show teachers that engaging students in their learning is always possible.

\*\* other experts/trainers attend as necessary



### ADDITIONAL INFORMATION

- A **WhatsApp group** will be provided to allow discussion of the training
- **Additional tasks** will be provided for completion between training sessions
- **Detailed 5-day supporting notes** will be available at the end of the training
- **Certificates of Attendance and Certificates of Completion\*\*** will be available
  - \*\* a **Certificate of Completion** is available for an attendee who provides evidence of the **additional tasks** that are set between training sessions