



Educating the 21st century student

*Online teacher training
conference for Zambia, and
beyond.*

Thursday 26th to Saturday 28th

August 2021

*Professional development for
teachers, support staff and
others involved in educating
the 21st century student.*

*Online teacher
training for the
heart of Africa,
August 2021*

*Join **Chingola Private Schools Association**, in partnership with **nilsbird training**, as you engage with other professionals in the pursuit of effective strategies for educating the 21st century student. A daily keynote address and workshops will cover topics, such as, active learning and problem solving; subjects including English, Mathematics and Science.*

*Educating the 21st century student is sponsored by Gora Mining Solutions,
Lemmer Hydraulics and Mr and Mrs J. Burns.*

Support for your context



Chingola Private Schools Association, in partnership with *nilsbird training*, is pleased to bring a three-day online teacher training conference: *Educating the 21st Century Student*, to the country of Zambia, and beyond, in August 2021. The conference aims to provide encouragement, help and support for educators. A daily keynote address and workshops will seek to strengthen the work of teachers, and others, who are involved with educating the 21st century student.

The training will seek to enhance participants knowledge and understanding, seeking to teach participants new ideas, challenge them to further study, or just remind them of what 'good practice' is all about. The main premise of the training will be supporting participants in their classroom context, whether they have all the most up-to-date technology, or just chalk and board!

The training will seek to provide support for both Primary (Grades 1 to 5/6) and Secondary (Grades 6 to 12) professionals.

The trainers

The conference will be led by **David Bird**, owner of *nilsbird training*. Having begun as a mathematics teacher in 1987, David has spent his time in education working with students of all abilities, as well as gaining a vast amount of experience working as an examiner. Since 2009 David has toured the globe supporting teachers, specialising in Mathematics, including visiting countries such as 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 trainers (with both international and Zambian experience) will deliver content covering both general topics and subject-specific topics including English, Mathematics and Science: *Alison Borthwick, Dr Alan Cross, Dr Tony Birch, Stephen Atyeo, Sioban Parker, Ann Starks, Joseph Hubbard, Sheba Kafwimbi-Moyo, Sanjit Singh Chimber, Aditi Chakraborty*. Further details can be found via: supportforteachers.com.

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General outline for the training

The daily timetable:

- 9:30 am to 10:00 am – arrival/introductory session
- 10:00 am to 11:15 am – keynote address
- 11:15 am to 11:30 am – time for a break
- 11:30 am to 12:45 pm – workshop 1
- 12:45 pm to 1:45 pm – time for lunch
- 1:45 pm to 3:00 pm – workshop 2
- 3:00 pm to 3:30 pm – closing session

** all times are GMT/UTC.

A daily keynote address and workshops will be a mixture of both live and prerecorded events.

Live events

These will be around 60 minutes in length, with up to 15 minutes for an additional Q and A. As numbers and software permit, the Q and A will be via chat and/or voice options. As appropriate, delegates will have free access to any materials the trainer makes available.

Prerecorded events

These will be available throughout the conference using a system of one-time access codes/time-limited online viewings.

Further details concerning live events

Day 1 - 26th August 2021

Introduction

In this **Introduction**, *David Bird* will welcome everyone and set the scene for the three days.

Keynote address – What's the best way? – David Bird

In **What's the best way?**, *David Bird* will share his experiences of working in Africa, both as an employed/self-employed trainer and as a volunteer working with an NGO. He will compare the ideas of active and passive learning, seeking to drill down into what are the most effective methods in the classroom. Should we say: This is the best way, or should we be more flexible? Can an outsider really come along and dictate to a teacher in Africa, who maybe has very few resources, that this is the ONLY way?

(Suitable for both Primary and Secondary professionals.)

Workshop 1 – Mathematics Workshop – Multi-topic Questions – David Bird

In *Multi-topic Questions*, David Bird will delve into the structure of multi-topic mathematics questions, and how students can be supported in approaching/understanding them. Examples will be shared from David's *nilsbird training* multi-topic mathematics questions project, along with examination resources that are freely available on the internet.

(Suitable for both Primary and Secondary professionals.)

Workshop 2 – Science Workshop – Active Learning and Science in a Low Resource Environment – Stephen Atyeo

In *Active Learning and Science in a Low Resource Environment*, Stephen Atyeo will seek to support participants who have the daily experience of little resources in the Science classroom. He will explore teaching methods that will encourage active student-centred learning and will enable participants to develop their teaching skills in facilitating groupwork, using printed material and conducting practical experiments.

(Suitable for Upper Primary and Secondary professionals.)

Closing Remarks

In *Closing Remarks*, David Bird will gather bring together the strands from day 1 and look forward to day 2.

Day 2 - 27th August 2021

Introduction

In this *Introduction*, David Bird will welcome everyone and set the scene for day 2 of the conference.

Keynote address – Which is more important: content or skills? – Alison Borthwick

In, *Which is more important: content or skills?*, Alison Borthwick will explore this timeless question as she considers the challenges of the 21st century. She says, "Learners need a diet of content and skills, whatever their age or subject. But is one element more important than the other? Perhaps historically we have focused more on getting through content, however, many suggest that if we are teaching for tomorrow, we should focus more on skills."

(Suitable for both Primary and Secondary professionals.)

Workshop 1 – English Workshop – Engaging large classes using low resources in Secondary English – Sioban Parker

In *Engaging large classes using low resources in Secondary English*, Sioban Parker considers these questions: What makes teaching large classes in English challenging? Do you want to engage your learners but don't have enough resources to do so? She says, "We will explore ideas, techniques and strategies for you to plan and deliver more student-centred English lessons at Secondary level. We will also suggest activities suitable for giving students creative and communicative practice with new language and for energising skills-focused lessons. You will have the opportunity to ask us all about teaching English to large classes with low resources and any other English related questions. Even small changes can make a difference and that, over time, many small changes can make a big positive difference for your students!"

(Suitable for Secondary professionals.)

Workshop 2 – Mathematics Workshop – Thinking Mathematically – Alison Borthwick

In *Thinking Mathematically*, Alison Borthwick considers what it means to think in the mathematics classroom. She says, "Learning mathematics involves learning ways of thinking. Mathematics is no longer about learning facts, memorising procedures and following rules. It is about offering conjectures, being able to convince and justify and prove ideas. It is about thinking, and thinking harder!"

(Suitable for both Primary and Secondary professionals.)

Closing Remarks

In *Closing Remarks*, David Bird will bring together the strands from day 2 and look forward to day 3.

Day 3 - 28th August 2021

Introduction

In this *Introduction*, David Bird will welcome everyone and set the scene for day 3 of the conference.

Keynote Address – Active Learning in a Social Context – Dr Alan Cross & Dr Tony Birch

In *Active Learning in a Social Context*, Dr Alan Cross and Dr Tony Birch will examine the link between social interaction amongst learners and active learning. They will consider what we mean by these words and why they are important for classrooms. They will include examples so that that you will be able to see ways to adapt and improve your teaching and the students' learning.

(Suitable for both Primary and Secondary professionals.)

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Workshop 1 – Mathematics Workshop – What can we teach with an analogue clock and a class of 30 students? – David Bird

In *What can we teach with an analogue clock and a class of 30 students?*, David Bird will consider what it means to have limited resources when important skills like telling the time need to be taught. Based on his recent experiences in a Primary school in the UK, David will consider the role an analogue clock can play in the classroom, and how students can be used as an actual resource when teaching important mathematical concepts.

(Suitable for both Primary and Secondary professionals.)

OR

Workshop 1 – Mathematics Workshop – Adapting mathematical tasks for use in the classroom – Sanjit Singh Chimber

In *Adapting mathematical tasks for use in the classroom*, Sanjit Singh Chimber will share some tasks that he has used in the classroom to support students to develop a grounded understanding of essential mathematical concepts whilst maintaining a low-stakes assessment environment. The tasks that will be used in the workshop are based on questions shared by teachers on a Maths Solvers WhatsApp Group that Sanjit is a member of.

(Suitable for Higher Secondary professionals - Gr. 8 -13)

Workshop 2 – Science Workshop – Science Enquiry for Active Learning – Dr Alan Cross

In *Science Enquiry for Active Learning*, Dr Alan Cross will show how active learning can be developed, and reinforced, through the development of important scientific enquiry skills; skills that can be developed by learners in the classroom. He will give examples that can be taken into science lessons, and will emphasize the importance of students thinking and being active as learners.

(Suitable for both Primary and Secondary professionals.)

Closing Remarks

In *Closing Remarks*, David Bird will bring together the strands from the whole conference and ask: where do we go from here?

Further details concerning prerecorded events

General Teaching Ideas Workshop – Asking Questions in an Active Classroom – Ann Starks

In *Asking Questions in an Active Classroom*, Ann Starks will show how teachers can extend and develop their questioning skills to make question and answer sessions active, fun and engaging for students. Oral questioning needs no resources and very little formal preparation. Ann will explore how oral questioning can be used to guide the thinking of students and to encourage students to cooperate with each other in group work. She will look at a range of 'prompt words' and how to use questions for a range of purposes such as to guide thinking, to support less able students, to introduce problem solving and to provide stretching and challenging tasks.

(Suitable for Upper Primary and Secondary professionals.)

General Teaching Ideas Workshop – Assessment for Learning in the Classroom – Aditi Chakraborty

In *Assessment for Learning in the Classroom*, Aditi Chakraborty will delve into the world of Assessment for Learning (AfL). She will discuss the benefits of AfL for everyone in the classroom, looking at the types of AfL that are available. Practical suggestions for the classroom will be given.

(Suitable for Primary and Secondary professionals.)

English Workshop – Jolly Phonics – Sheba Kafwimbi-Moyo

In *Jolly Phonics*, Sheba Kafwimbi-Moyo will detail the use of Jolly Phonics in the classroom, providing explanations of its purpose and use; how teachers can benefit from the programme.

(Suitable for Primary professionals.)

Creation Science Workshops – Teaching Creation Science from a Biblical Perspective Joseph Hubbard

In a series of *Creation Science Workshops* called *Teaching Creation Science from a Biblical Perspective*, Joseph Hubbard will provide detailed support for all those involved in Christian education. The series covers *Teaching Creation Science From A Biblical Perspective – overview*, *What is a Biblical Worldview?*, *Creation & Science*, *Biblical Archaeology*, *Anthropology*, *Astronomy*, *Geology* and *Fossils*. (These workshops are currently only available via *nilsbird training*, but are being made available especially for this conference.)

(Suitable for both Primary and Secondary professionals.)

Certificates of attendance

To support the professional development of participants, *certificates of attendance* will be available.

Online delivery

The conference will be delivered via livewebinar.com. Further details can be found at: supportforteachers.com.

Cost and registration of interest

\$30 (680 Zambian kwacha) per person (for all three days). Further details on how to pay can be found via: supportforteachers.com

Register your interest in attending the conference at: supportforteachers.com

Further information

Please go to supportforteachers.com to keep up to date with all the conference information.

Within Zambia, *Chingola Private Schools Association* can be contacted at:

- Sharon Towse: +260 96 6308857

nilsbird training can be contacted at:

- WhatsApp: (+44) 7766 567276
- Email: zambia2021@supportforteachers.com
- Twitter: @nilsbtraining
- Facebook: @nilsbtraining
- Web: supportforteachers.com

Feedback on previously delivered *nilsbird training* face-to-face training

"... re-engaging with some fantastic materials ..."

"Great discussions with other teachers from lots of different backgrounds ... a wide variety of activities to explore."

"I really enjoyed working, meeting and discussing with other maths teachers from across the country. The activities were interesting and could be used in the classroom."

"Really enjoyed the course. Excellent conversations with likeminded individuals and discussions."

"Strategies and resources to use with EAL pupils. Things I can implement every day ... Was very informative and I feel more confident now. Thank you"

"Practical strategies. Sharing ideas ... Thank you!"

"Practical ideas to use in class ... Well delivered."

"Strategies, practical ideas. Activities that can be recycled ... Very helpful. Thank you."

Feedback on previously delivered *nilsbird training* webinars

"It was good ... great ideas and explanations"

"It was very informative and interactive given the time frame"

"It's an interesting program. Keep up the good work"

"The webinar was good, as I am enjoying to share the ideas"

"The webinar was quite interesting and educative. Thank you."

"Great stuff. Thanks a lot. Information will surely be used soon."

"I'm indeed grateful to have such precious lessons that aid to widening my horizon of thinking, given me more experience and skills in teaching and learning."

"The nilsbird training [webinar] on low resource teaching was an eye opener. It gave great insights on how one can teach effectively with few resources."

"This was good experience. It refreshed my mind on key skills to help my students learn and how to encourage them to do this ... I had an A level class immediately after the webinar and was inspired to share things from the experience with my learners."

Thanks,

Sharon Towse (Treasurer of CHIPSA), Mrs Moyfa (Chairperson of CHIPSA)

Chingola Private Schools Association

8/12/2021