

AIMS approach to Curriculum Design

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AIMS Methodology

1. TTIs augment and overlay the national curriculum.

Stakeholder consultation to have evidence based information on the gaps in the design, implementation and assessment of the curriculum.

Design, implementation and measurement is based on the relevance of learning outcomes.

Interactive subject pedagogy

AIMS Methodology

- 5. School based, peer facilitated: Plan Teach Reflect.
- 6. Is based on school structures.
- 7. Is broken down into an arsenal of practical resources that teachers can easily refer to in the delivery of lessons (teachers guide, teacher's resource guide etc).
- 8. Community of practice resources to promote peer learning.
- 9. Includes the creation of an enabling environment.
- 10. A gender lens.



Teaching teachers to engage the learners with practical

resources















Including our alumni at the residential courses









Engaging with a learner-centred activity









Tools



Connected Mathematics Project, MSU Teacher's Guide and Teachers manual.



Mathematical Thinking, Advanced Certificate in Teaching, Aiming High Book Series, Aiming High Teachers Platform.



Training of Trainers manual, Teachers guide, Teaching resources handbook

Q & A

Thank you!

TEACHING & LEARNING

WHAT IS CHANGING?

	What it used to be	What AIMS is working on
How education is delivered	Uniform Learning (Mass Production)	Customized Learning – Personalization
Sources of Knowledge	Teacher as the Expert	Diverse Knowledge Sources
How learners are assessed	Standardized Assessment	Specialized Assessment
What empowers learners	Knowledge in the head	Reliance of outside sources
Curriculum objectives	Coverage	Knowledge explosion – learning how to LEARN.
How learners access knowledge	Learning by acquisition	Learning by doing
Education ideology	Just-in-case learning	Just-in-time learning

TECHNOLOGY IN MATHEMATICS Aspirations...



e-Learning
Learner-driven access
to education content



Mobile
Learning
Lean education
content without the
need for classrooms

AIMS seeks to partner with GESCI (http://gesci.org/)



Interactive
Distance Learning

Tutor driven delivery of education content over long distances



e-Collaboration

Learning together by working together across distances

- Rwanda SMART Classrooms
- Cameroon Simulation labs
- South Africa