Time-distance graphs

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Outline of workshop

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Fasmed

• Research project
• Toolkit
• Focus on assessment
• Research questions
• Ethics
Name: __________________________

PRE – QUESTIONS: (10 minutes)

Instructions: Please put your response in the first box below each question. The second box will be used later.

1) When and why do you assess your learners?

2) List the different ways you assess your learners.
Quick discussion

• When and why?
• The different ways
Formative assessment?

• A definition?
The lesson

• First set of questions (pairs)
• Card activity (small groups)
• Sharing
Teacher discussion
Interpreting Distance–Time Graphs

Mathematical goals

This lesson unit is intended to help you assess how well students identify students who:

- Interpret distance–time graphs as if they are pictures of situations.
- Have difficulty relating speeds to slopes of these graphs.

Introduction

The lesson unit is structured in the following way:

- Before the lesson, students work on a task designed to create questions for students to answer in order to improve their understanding.
- A whole-class introduction provides students with guidance on a collaborative discussion task, matching verbal, graphical, and numerical features, and begins to link the representations.
- This is followed by a whole-class discussion about applying this to another group of students.
- In a final whole-class discussion, students draw their own conclusions about the task.
FaSMEd at AIMSSEC

Notes, discussion and work in progress

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This is the blog for the FaSMEd project at the African Institute for Mathematical Sciences

Expose learners to questions that are pitched at different cognitive levels such as questions that require straight recall (knowledge), routine procedures, complex procedures and problem solving. The main aim is to narrow the gap between formal or informal assessment that is internally set and conducted by teachers in different schools and external assessment such as common examinations that are set at provincial level or the Annual National Assessment set at national level.