

Scenario = Unbridgeable = Design a Pedestrian Bridge

Read the article below then draw your design. Go to the link in the blue square where all your drawing requirements are.

Unbridgeable

THE COMMUNITY of Shentilly is at a loss. Heavy rains have washed away the only bridge connecting the community to the city of Klaptown. The nearest crossing over the Klappies River is now 20 km downstream. The community is an informal settlement with no hospital or school. Many of the residents of Shentilly work in Klaptown and with the bridge gone they need to travel 40 km from their homes to get to work. Residents who have cars or know people who have cars have been trying to transport the children to school. However, few residents have cars and many of the children are unable to get to class. Residents are worried that the situation will never be addressed.

'We have written to the mayor to build a new bridge, but so far our letters have not been answered,' says a worried Ms Majola. 'I miss my grandchildren who I have not seen in weeks. I am scared the bridge will not be fixed before I have to go see my doctor again,' says a worried and frail Gogo Kgomotso. 'I am too scared to send my children to school since they are so young and might fall into the river,' says a concerned



FIGURE 21 The old bridge before it was washed away

Mrs Sibiya. Many residents of nearby towns have tried to help the villagers by driving the sick to hospital and contacting local authorities. 'We have spoken to several people in the mayor's office, only to be transferred again and again,' says Dr van Niekerk. When we contacted the **local authorities** about this matter they said they were looking into it and will put out a tender for a new bridge in the next month.

Investigation is a useful tool to use in a scenario. It helps you to focus on the problem in order to find the best solution. The preceding article appeared in a local community newspaper.

Local authorities placed an advertisement in several newspapers inviting contractors to submit their tender bids:

Department of Transport

National Roads Agency

TENDER NOTICE: DT: 901-2-11

Contractors are invited to tender for the following project:

Design and construct a pedestrian bridge to allow residents of two villages to walk from one village to the next safely. Tender documents, as well as a map of the problem, may be collected from and submitted to the Department of Transport, 37 Pear Circle, Thembani, Cape Town.

Closing Date: 21 April 2013 at 12:00

Enquiries about the terms of reference can be directed to:

Mr A.T. Mhlangu at 021 686 0939, and about tender documents to:

Mr A.P. Bezuidenhout at 021 686 2264. Maps can be ordered from the government offices.

Advertisement from a local newspaper, Sunday 1 April 2012

