

# Investigating attitudes, influencing my teacher role

David A. Swan

# Investigating attitudes towards mathematics

- RQ:
  - 1. “Which factors affect children’s attitudes towards mathematics in Malawi?”
  - 2. “To what extent can the factors *gender*, *age* and *grade/standard* be used to generalize claims regarding students’ attitudes towards mathematics in Malawi?”
  - 3. “How can teachers in Malawi facilitate various motivational factors in their mathematics teaching?”



# ENGLISH

**ALL ABOUT THE**  
An important part of school work  
is to read and understand a story or  
a passage.

1. Read the passage carefully.  
2. Find the main idea of the passage.  
3. Find the supporting details.  
4. Answer the questions based on the passage.

**THE STORY OF THE BIRD**  
A bird was flying in the sky. It was very happy. It was singing and dancing. It was playing with its friends. It was having a great time. It was flying over a forest. It was flying over a river. It was flying over a field. It was flying over a town. It was flying over a city. It was flying over a village. It was flying over a farm. It was flying over a school. It was flying over a hospital. It was flying over a church. It was flying over a mosque. It was flying over a temple. It was flying over a synagogue. It was flying over a synagogue. It was flying over a synagogue.

Today's Attendance

Today's Attendance

English

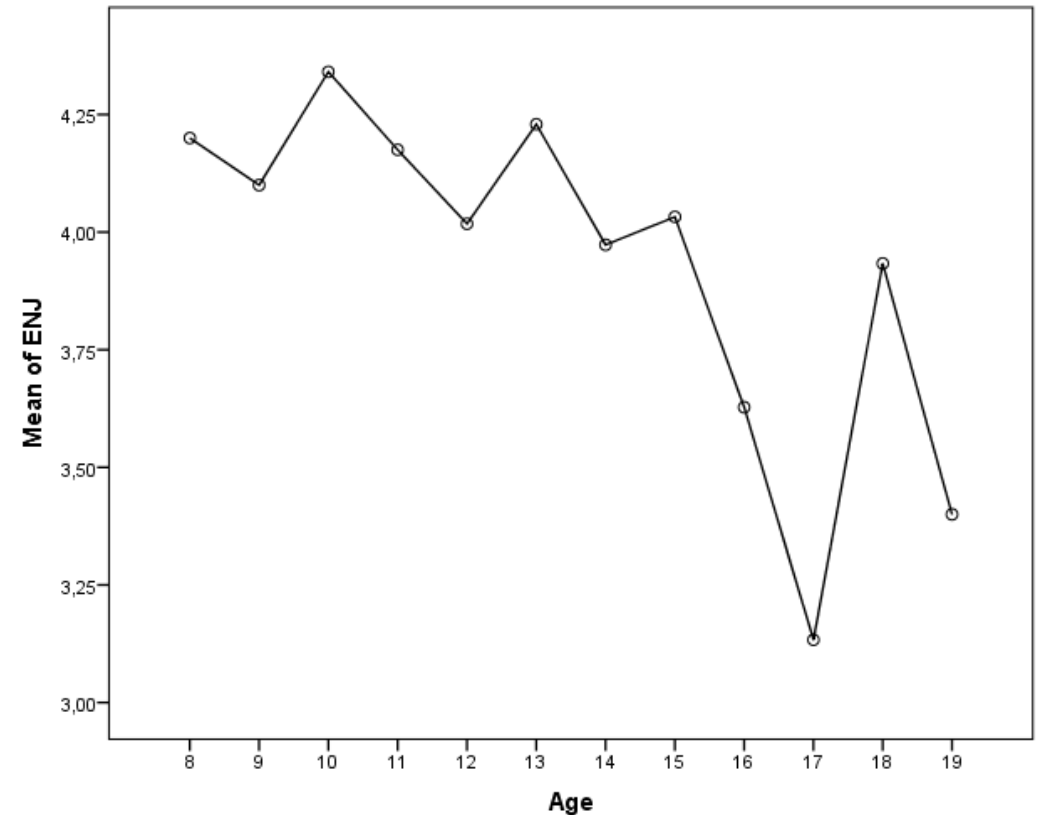


“Which factors affect children’s attitudes towards mathematics in Malawi?”

“To what extent can the factors *gender*, *age* and *grade/standard* be used to generalize claims regarding students’ attitudes towards mathematics in Malawi?”

Age	Standard					Total
	5	6	7	8A	8B	
8	1	1				2
9	16	3				19
10	35	11	3			49
11	15	19	15	6	1	56
12	12	19	20	14	3	68
13	4	13	28	18	19	82
14		4	22	16	21	63
15		3	10	8	16	37
16		2	2	3	11	18
17		1			2	3
18		1		1	1	3
19					3	3
<b>Total</b>	<b>83</b>	<b>77</b>	<b>100</b>	<b>66</b>	<b>77</b>	<b>403</b>

Table 4: Age/Standard – cross-tabulation



“How can teachers in Malawi facilitate various motivational factors in their mathematics teaching?”



Praise



Feedback



Prizes



Group Work



Presentation time



Communication

# Support and supervision



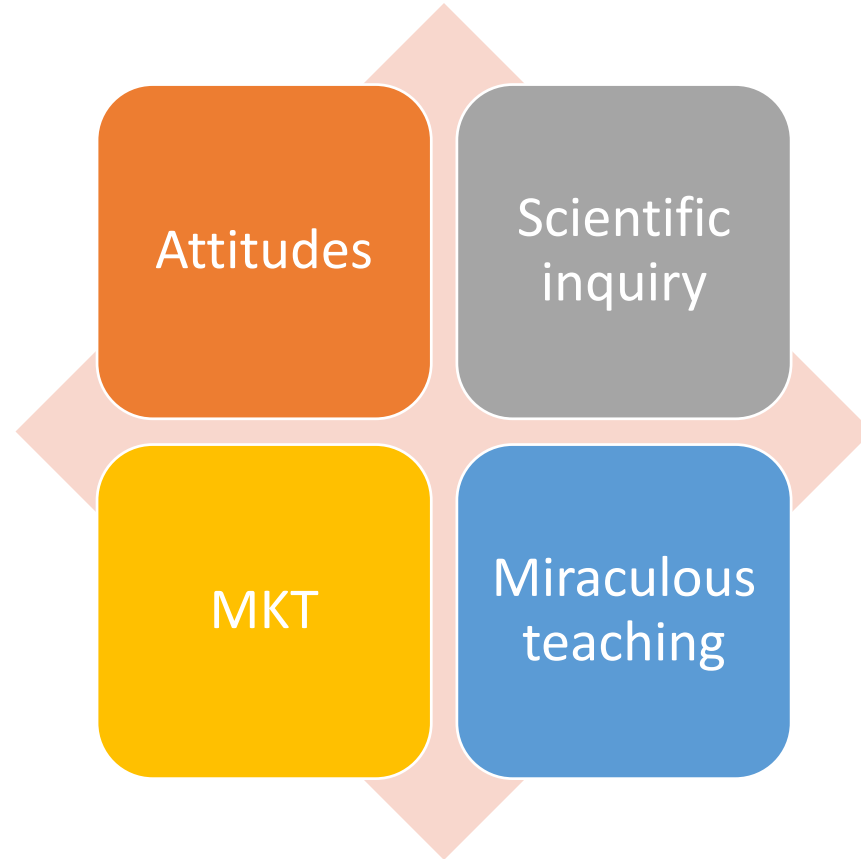
Prof. Arne Jakobsen



Fellow students



Malawi



How has my MA thesis affected me as a teacher?