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1. To identify the possible factors contributing to the change in students' science anxiety after taking 'In Dialogue with Nature',

2. To reduce students' science anxiety and increase their efficiency in

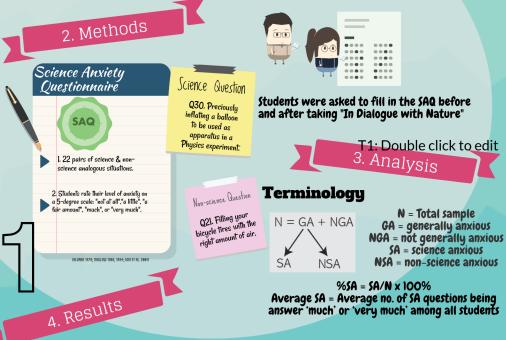


Fig.1 - Percentage of SA students & Average no. of SA questions being answered 'much' or 'very much' frightened by gender

2015-16 Term 2

& 2016-17 Term 1

118



Which component of learning (or assessment) generates the greatest anxiety?

What could reduce your science anxiety

in taking this course? What could we do

to increase your confidence?

**Teacher**'s guidance

on how to write a

term paper

I'm afraid of misinterpreting the ideas of the texts and making mistakes in writing papers

2014-15, Term 2 & 2015-16 Term 1 100 90 70 35 42

2015-16 Term 2 & 2016-17 Term 1 26 100 90 80 20 ERG ART BAS EDU LAW MED ■ Term start ■ Term end

Is there any change in the way you feel about science after taking the course?

The course has given me a positive feeling about science. I used to think that science is 'professional' stuff. I just memorize the equations and stuff facts into my head. way...we were exposed to different scientific issues. It allowed us to develop our interests and not to feel anxious.

Some authors from the texts have spent their whole lives in research, published papers until the day they died. I studied science in high school, but I don't think I have such patience and perseverance. I really admire this spirit and it is remarkable as a human

and doing quizzes

Correlation of scientific

knowledge to daily life

. Flinging away the cockroach on your arm – Newton's laws

## Source of Science Anxiety = Fear for getting it wrong! Affecting the GPA

2014-15, Term 2 & 2015-16 Term 1

Losing face in group discussion

Focus Group Interviews

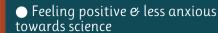


7 students from 5 faculties & taught by 3 UGFN teachers were interviewed



Mobile App 'DiaNable'

A text was about whether we could use cience to prove the existence of free will.. It makes me think of these questions: 'Can science explain everything? Or does it create more questions?



Recognizing the nature  ${f e}$ limitation of science

Appreciating scientific spirit



Teachers being smiley and encouraging when students answer questions in front of class.