

DWECK'S MINDSET THEORY
IN PRACTICE:
TRANSFORMING
ATTITUDES, BEHAVIOURS
AND LEARNING

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SESSION OUTCOMES

By the end of this session you will have had the opportunity to:

- ▶ Identify the characteristics of Dweck's Growth Mindset
- ▶ Engage with a case study of applied Growth Mindset in practice
- ▶ Begin to identify ways in which you can help your learners to develop more of a Growth Mindset

INTRODUCTION TO CAROL DWECK'S MINDSET THEORY: WHAT IS A FIXED MINDSET? WHAT IS A GROWTH MINDSET?



INTRODUCTION TO NUMERACY STRAND

- ▶ [Strand Information](#)

THE PROBLEM

- ▶ Poor attitude to the strand
- ▶ Poor attendance
- ▶ Poor results
- ▶ Low spirits in staff

USE OF MINDSET THEORY?

- ▶ 'I don't have a Maths brain'
- ▶ 'I just can't do Maths'

- ▶ Clear case of Fixed Mindset!

- ▶ Q. Does the strand promote/encourage a fixed mindset?
- ▶ A. YES! Induction test is an immediate measure of ability, with distinction between those who can and those who can't. Focus throughout on 'getting it right'.

INTRODUCTION TO NUMERACY – TAKE 2

- ▶ [Introduction slides](#)

OUTLINE OF CHANGES

- ▶ Make Induction Test optional
 - ▶ Surprise! No change in the number of students taking the test
- ▶ Make the test more difficult
 - ▶ Less students exempt -> more able students in the class to share knowledge
 - ▶ More acceptable to sit the strand
 - ▶ Surprise! No increase in comments about the work being too easy
- ▶ Highlight the importance of getting things wrong, increased available exercises using choice of text books
- ▶ Notes booklet to give clear information of what is expected

RESULTS

- ▶ Students more positive about the test ‘I don’t think I’ll do very well but I’ll give it a go’
- ▶ Compliments to teaching team – ‘They made me like maths’
- ▶ Staff more positive as student attitude seemed better
- ▶ Better feedback on Evasys
- ▶ Average grade decreased, but had likely skewed by easier induction test

WHAT WAS YOUR MINDSET...

...when Bev said you were going to do a test?

WHERE IS MINDSET THEORY BEING PUT INTO PRACTICE AT NTU?

- ▶ Business School
- ▶ SCCO
- ▶ ALTC
- ▶ TILT group: active and problem-based learning
- ▶ PGCAP
- ▶ CPLD courses

WHERE CAN YOU PUT GROWTH MINDSET PRINCIPLES INTO YOUR TEACHING?

- ▶ Here's the challenge from today: where, and how, can you help your learners to develop more Growth Mindset approaches to their work?

MINDSET SYMPOSIUM: 15TH SEPTEMBER 2016, 1-4PM, VENUE TBC

- ▶ Practitioners from NTU sharing best practice
- ▶ Opportunities to get support with adapting the approach to your own practice
- ▶ Please email Udaramati if you would like to attend.