



Improving engagement through improved confidence

Our Learning Frontiers project

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The Learning Frontiers project

AITSL Program to transform teaching and learning so that every student succeeds in an education worth having.

AIS Hub to work collaboratively to explore practices to increase engagement in learning, both cognitive and emotional.

Our hub had flexible membership, range of projects.


We used the design process to create a project.

Met four times in 2015 to explore this process with Education Changemakers.



Initial question

- ▶ What in education stops student engagement?
- ▶ We believe in a school....
But the current reality is.....
We are going to challenge this by.....
- ▶ Nothing too crazy, too big or too small
- ▶ No excuses
- ▶ Failure is acceptable



How can we help students value their progress?

Trial group : Year 10 Maths

What we were seeing

Previous attempts to promote engagement





Our project: It's all about ME!

'I know' multiple choice questions with 3 options (yes, no, heard of it)

At start, middle and end of topic

End of topic: 2 quizzes – 'I know' quiz and then a skills test

Done on iPads

To measure growth in how they perceive their learning - visibly



I can....

Year 9 statistics pretest

Score: _____

1. I know what statistics is.

- A yes
- B no
- C I've heard of it but don't really know

2. I know what there are different types of data.

- A yes
- B no
- C I've heard of them but don't really know

3. I can name the 2 types of data.

- A yes
- B no

4. I can give an example of categorical data.

- A yes
- B no

5. I can give an example of ordinal data.

- A yes
- B no

Skills test



Year 9 statistics post test

Score: _____

1. Statistics is

- (A) collecting data
- (B) the study of collecting and analysing data
- (C) finding the mean of a set of numbers
- (D) finding the mean and median of a set of numbers

2. How many types of data are there?

- (A) three
- (B) two
- (C) one

3. Name the two types of data we use in statistics.

4. Give an example of categorical data.



Success?

- ▶ Students like to do it
- ▶ Students are honest
- ▶ Students can SEE growth from quiz to quiz
- ▶ Content is explicit
- ▶ Students become more aware of the skills they are being taught
- ▶ Metalanguage is in more use
- ▶ Teachers see where confidence lies
- ▶ Confirms teacher judgement (or otherwise)
- ▶ Students see teachers acknowledging student difficulty
- ▶ Teachers can share quizzes with other teachers
- ▶ Students don't have to sign up to Socrative
- ▶ It's free to make a classroom in Socrative



Where to next?

