



Mathematics Term Guide 2015



Year 5 Term 1

Mathematics Term Guide 2015



Year 6 Term 1

NUMBER and ALGEBRA

Place Value

*use spacing in place of commas

Place Value to 6-digits 0 to 999 999

- · Model large numbers bead frame etc
- Read/write in words, digits
- Expand/contract large numbers 671 205=600 000+70 000+1000+200+5
- Value of underlined digit e.g. 7 in 127 685
- · How many thousands (etc) in...
- Write a number with 45 tens/hundreds/thousands etc.
- Compare/order numbers ascending/descending order
- 1 more than / 1 less than e.g. 99 999+1
 10 more than / 10 less than
 100 more than / 100 less than etc
- Round off to the nearest ten, nearest hundred, thousand
- Estimation strategies

Make use of number lines for plotting

Discuss the infinite nature of our number system

NUMBER and ALGEBRA

Place Value

*use spacing in place of commas

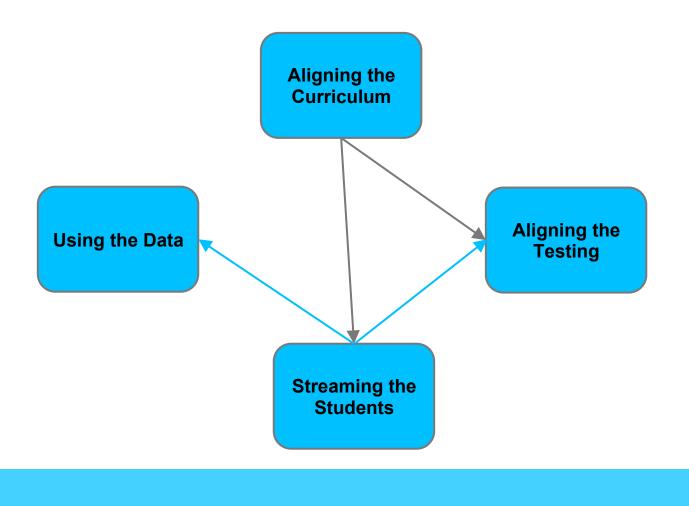
Place Value to 9-digits 0 to 999 999 999

- · Model large numbers bead frame etc
- · Read/write in words, digits
- Expand/contract large numbers
 3 671 205= 3 000 000+600 000+70 000+1000+200+5
- Expand / contract using powers of ten
 3 671 205=(3x10⁶)+(6x10⁵)+(7x10⁴)+(1x10³)+(2x10²)+(5x10⁰)
- Value of underlined digit e.g. 7 in 4 172 685
- How many thousands (etc) in...
- Write a number with 45 tens/hundreds/thousands etc.
- Compare/order numbers ascending/descending order
- 1 more than / 1 less than e.g. 999 999+1
 10 more than / 10 less than
 100 more than / 100 less than etc
- · Round off to the nearest ten, nearest hundred, thousand
- · Estimation strategies

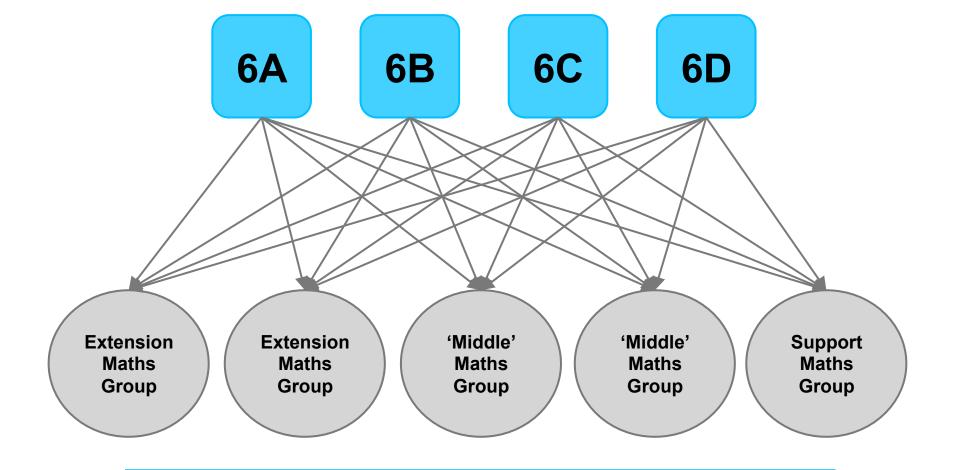
Make use of number lines for plotting

Discuss the infinite nature of our number system

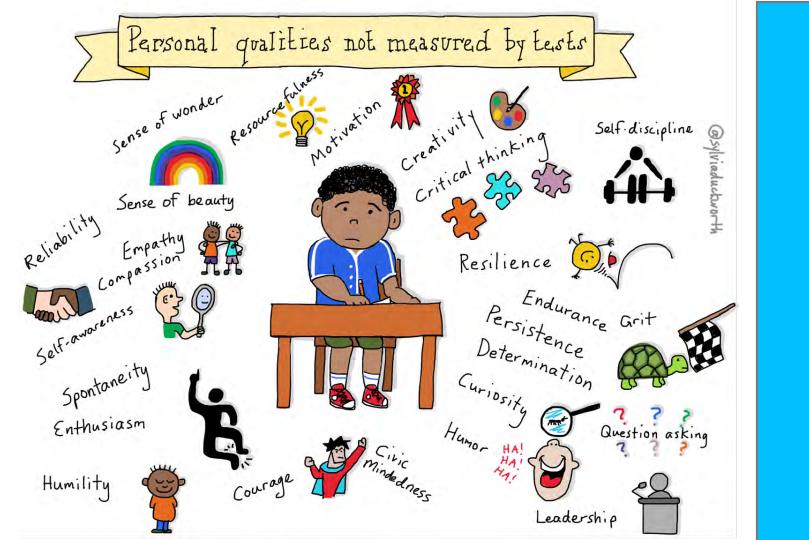
Aligning the Curriculum

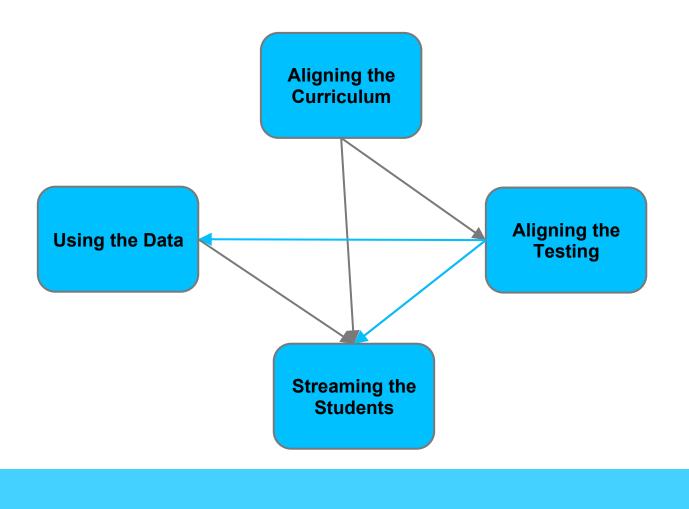




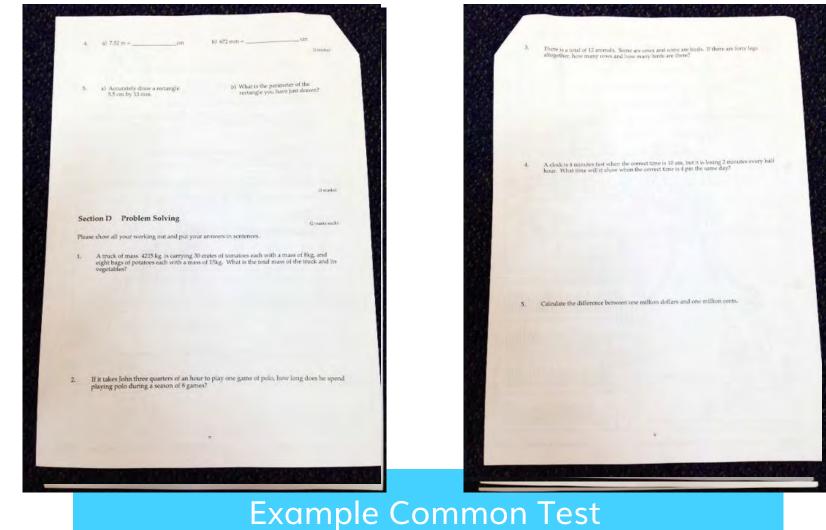


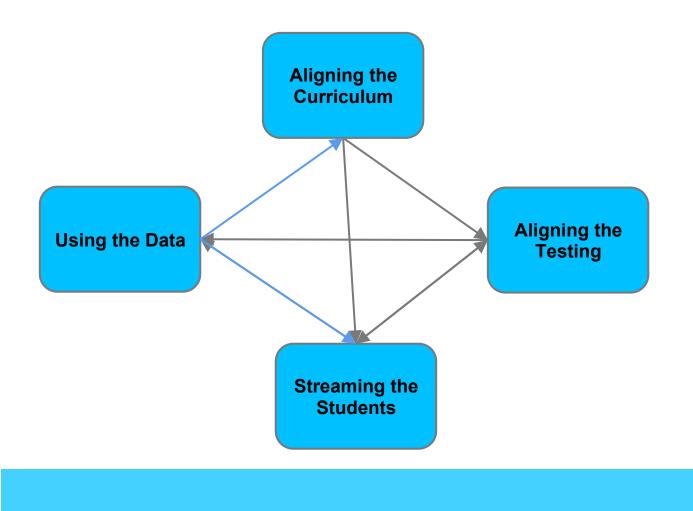
Classes and Maths Groups at Year 6



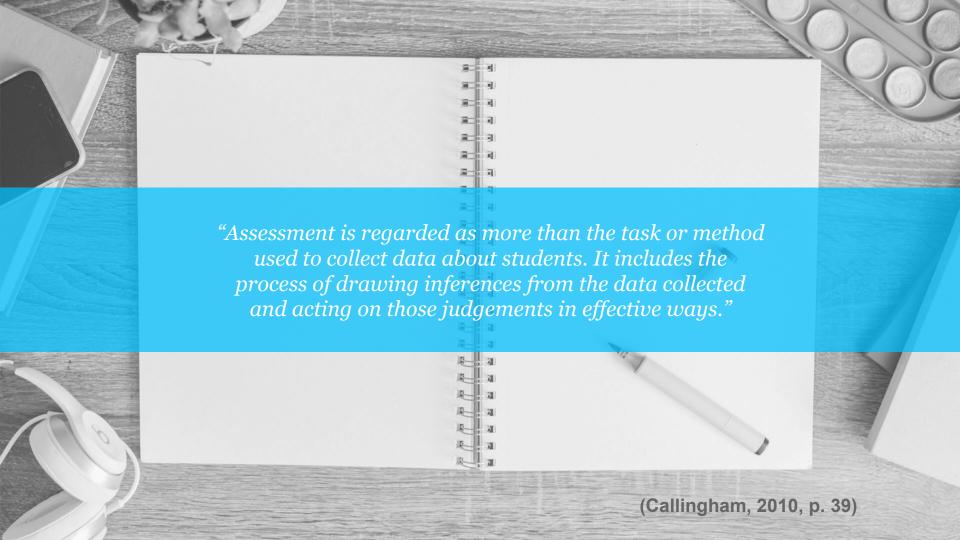














Where to from here?

"All right, nobody move!
I'm a teacher on the cutting
edge! I've got an assessment
idea and I'm not afraid to try it!"

Thanks!

Any questions?

You can contact me at sharris@plc.vic.edu.au

You might also see me around for the rest of the conference. Cups of coffee happily accepted.



REFERENCES

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Special thanks to SlidesCarnival who made and released this presentation template.

'Personal Qualities not measured by tests' Image by @SylviaDuckworth

Hogwarts Crest from http://en.wikipedia.org/wiki/Portal:Harry_Potter

