

Data source: MySchool website NAPLAN Mean growth percentage: diff in means/gr mean 14.05% 10.56% Standard Error 0.0034 0.0095 9.08E-05 Variance P(T<=t) two-tail, unequa variance 0.0008 0.006 t Stat 3.48 P(Z<=z) two-tail 0.0005 z 3.4705 Non Treated 0.1056

TODAY IS ABOUT:

- 1. NAPLAN can be improved because maths is not genetic
- 2. Looking at NAPLAN tests to see proficiency strands
- 3. Looking at NAPLAN tests to see content
- 4. What is NAPLAN really testing?
- 5. Examining NAPLAN graph shapes
- 6. So... what do we do to improve data without compromising learning?

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- ▶ For grade 3: How many questions have three digit numbers?
- Second is nave numbers with numbers?
 For grade 7: How many questions have indices, negative numbers, or tricky fractions (e.g. not halves, quarters, fifths or tenths)?
 HOW MANY QUESTIONS HAVE WARHING TO THE HARD CONTENT?

My findings:

- ► 50-75% of questions on all tests were key number concepts
- ▶ 25-45% of questions on all tests were "weird space"
- ▶ 5 or less questions on all tests were "everything else". These were also usually the routine questions.

WHAT PATTERNS ARE THERE IN THE CONTENT FOR NAPLAN?

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