

Data and Functionality within SMART

Some of the data and analysis functionality available to schools includes:

- The ability to create *Custom Student Groups* of students. This of course may include students involved in special programs such as *Reading Recovery or Count Me In Too* and any other special program for students within a school. There is no limit to the number of such groups and enables additional analyses to be performed on the students within each custom group across the entire software platform.
- *School Reports* provide schools with the ability to access copies of printed reports. It also includes the ability to regenerate individual student reports for parents who have damaged or lost reports. Additional analysis is also provided to Regions. This is in the form of aggregated school data for the Region.
- Schools have access to analysis of groups of students across the achievement bands including the students in custom groups. This is particularly powerful for providing evidence of improved student learning outcomes and effective pedagogy.
- Schools can access information concerning the achievement of students on individual items across the school or by groups of students. It details patterns of student responses and in the case of numeracy, additional distractor information is provided detailing the reason why students chose particular options.
- Additional information can also be gained by investigating *Student Responses* to various questions. Details about questions are provided including links to the NSW Syllabus, ESL scales, National Statements of Learning and where to access teaching strategies to support teaching and learning.
- Regional and State trend data is available to all schools. Trends for various test aspects are also available disaggregated by gender. This provides schools with an overview of performance over time and can be used to demonstrate a shift in overall school performance.
- *Item Analysis* enables schools to filter information on the performance of the school or for various groups of students for particular skills. It is an extremely powerful tool in filtering performance by literacy/numeracy, by subject and by

substrands. Schools can easily identify particular skills that students are demonstrating they need additional support in. This can, where necessary, initiate a review of school programs and teaching strategies that lead to improved student learning outcomes. This of course leads to targeted intervention strategies holistically or to specific groups of students.

- ***Teaching Strategies*** provide practical assistance for informing teaching programs and improving targeted student learning outcomes. These teaching strategies are linked to skills assessed in NAPLAN tests and are available for Literacy and Numeracy.