



Q. HOW DID NAPLAN MOVE TO BEING A DIGITAL EXAM?

A. WITH JANISON HELPING DELIVER NAPLAN ONLINE – OFFERING A MORE ENGAGING TEST EXPERIENCE FOR STUDENTS, DEEPER INSIGHTS FOR TEACHERS AND FASTER TURNAROUND OF RESULTS.

ACARA is Australia's independent statutory authority that works to improve the learning of all young Australians through world-class school curriculum, assessment and reporting.

The annual National Assessment Program – Literacy and Numeracy (NAPLAN) examinations run by ACARA are the measure through which governments, education authorities and schools can determine whether or not pupils are meeting important educational outcomes.

In 2015, Janison was selected to build the national NAPLAN Online assessment platform.

In a world-first, in May 2018, the platform successfully delivered the NAPLAN online assessment to 1,400 schools with a total of 200,000 school students over a nine day assessment window nationwide – a major assessment event that's starting to receive worldwide recognition for Janison.

Developed using Microsoft Azure, we designed the platform with performance, security and resilience top of mind. The platform was

stress-tested to handle up to 400,000 concurrent users.

In May 2019, Janison successfully delivered the NAPLAN Online software platform with more than 2.6 million tests completed and submitted over a three-week period. Approximately 680,000 students, from Years 3, 5, 7 and 9, across Australia accessed NAPLAN Online.

By 2020, the platform is expected to deliver NAPLAN Online to more than a million school students in Australia in more than 12,000 schools.

The transaction rates and data stored by the platform during such peak times is similar in nature to the loads that are processed by applications such as Facebook.

ACARA (Australian Curriculum and Reporting Authority) is responsible for:

- the national Australian curriculum from Kindergarten to Year 12, in specified learning areas
- the National Assessment Program – aligned to the national curriculum – that measures students' progress
- national data collection and reporting program that

supports analysis, evaluation, research and resource allocation; and

- accountability and reporting on schools and broader national achievement

NAPLAN Online is designed to provide improved assessment, more precise results and faster turnaround. With results delivered at speeds incomparable to pen-and-paper methods, teachers can address learning gaps sooner.

What's more, NAPLAN Online has been designed to allow adaptive testing. This provides students with questions that better test their individual ability to ensure

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more precise assessment, meaning teachers are provided with much more detailed insights.

Authoring possibilities that exist within a digital medium allow for a richer, more engaging test

experience for students compared with static pen-and-paper tests.

Speaking during NAPLAN Online roll-out in 2019, Janison head of operations Sandy MacDonald said: “Our NAPLAN Online platform performed well in 2019 in the face of several challenges.

“Our tech team at Janison successfully met these challenges in terms of data concurrency and reliability, and ensuring that data all comes back through. We have created a world-first in the delivery of a comprehensive online assessment program.

“We've now shown that a platform of our scale can work in the assessment space and we've now started to gain confidence among the international community, including government, financial and corporate institutions.

“We have a world-wide focus with this platform, including many universities and large organisations in the UK, Canada and China.”

Statistics and Key Milestones

680,000
STUDENTS COMPLETED NAPLAN
ONLINE OVER THREE WEEKS
IN MAY 2019

2.6MILLION+
INDIVIDUAL TESTS WERE
COMPLETED AND SUBMITTED

1.2MILLION+
STUDENTS ACROSS
AUSTRALIA WILL USE THE
NAPLAN ONLINE PLATFORM BY 2020