



**PROCEDURE:** Numeracy

**UPDATED:** 2022

**REVIEWED BY:** Senior Executive

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**STATEMENT OF INTENT:**

Alice Springs (Mparntwe) Education Declaration on Educational Goals for Young Australians (MCEETYA 2008) recognises numeracy as an essential skill for students in becoming successful learners at school and in life beyond school and in preparing them for their future roles as family, community and workforce members. More broadly, a numerate population is critical in ensuring the nation's ongoing prosperity, productivity and workforce participation.

General capabilities, a key dimension of the Australian Curriculum play a significant role in realising the goals set out in the Melbourne Declaration. The Australian Curriculum includes seven general capabilities of which Numeracy is one.

Northlakes High School provides a whole school approach to numeracy improvement including ongoing reflection on current practices in numeracy teaching and learning. This reflection determines appropriate support and strategies for improved student learning outcomes.

**APPLICABILITY:**

All teaching staff at Northlakes High School

**DoE POLICY/PROCEDURE REFERENCE:**

\*Numeracy K-12 Policy Statement Objectives

1.1 Numeracy

1.1.1

1.2 Numeracy Teaching

1.2.1, 1.2.2

1.3 Numeracy Assessing and Reporting

1.3.1, 1.3.2

Other: National Numeracy Progression (Version 3) NSW literacy & numeracy strategy (2017-2020)

**DEFINITIONS:**

In the Australian Curriculum, students become numerate as they develop the knowledge and skills to use mathematics confidently across other learning areas at school and in their lives more broadly. Numeracy involves students in recognising and understanding the role of mathematics in the world and having the dispositions and capacities to use mathematical knowledge and skills purposefully.

## **RATIONALE:**

This policy is intended to:

- Ensure provision of school systems to actively monitor numeracy assessment data
- Ensure numeracy targets are embedded in school management plan
- Ensure staff undertake professional learning in numeracy teaching
- Ensure all teaching staff undertake responsibility for teaching numeracy
- Ensure a whole school approach for explicitly teaching numeracy is adopted
- Ensure school-based and state-wide numeracy assessment information informs teaching
- Ensure students operating with significantly low numeracy levels receive targeted numeracy intervention

## **PROCEDURES:**

- School-based and state-wide assessment information informs the school plan
- The numeracy team leads the school numeracy focus based on assessment data and directed by the school plan
- All students undertake last testing on entry to Northlakes High School
- Students significantly below numeracy benchmarks receive targeted numeracy intervention
- Teachers plan for and differentiate numeracy instruction to meet students' different learning needs
- All faculties are aware of the numeracy demands of their syllabuses and commit to the explicit teaching of numeracy focusing on whole-school target areas
- Training and development in the explicit teaching of numeracy is provided for all teachers
- Northlakes High School will engage in networking opportunities (especially the local management group) to develop consistent strategies across campuses and enhance numeracy outcomes for students
- Northlakes High School will strive to establish community links to enhance professional knowledge and drive educational action research
- Northlakes High School will report formally and informally to parents, caregivers and school communities on student numeracy achievement using state-wide and school-based assessment information
- Participation in minimum standards
- NAPLAN
- Learning literacy numeracy robot for VET students