سکولہ رندہ سڠکوروڠ ، کلوستر ٤

SEKOLAH RENDAH SENGKURONG, CLUSTER 4

BRUNEI DARUSSALAM

Steered by Teachers, Propelled by AI:

Teacher-Led Learning Design for Future-Ready Writers

Strengthening Writing, Digital Literacy and Cross-Cultural Learning in a Brunei Primary School

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40TH ASEAN COUNCIL OF TEACHERS + KOREA CONVENTION

NAVIGATING OUR FUTURE

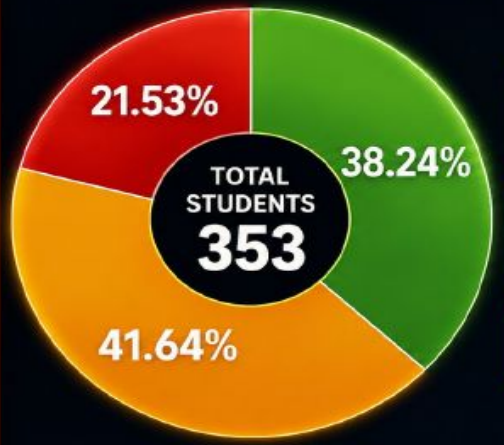
STEERED BY TEACHERS;
ANCHORED IN RELATIONSHIPS;
PROPELLED BY AI

22–25 OCTOBER 2026 · D'MARQUEE, SINGAPORE

Baseline Evidence: The learning Challenge

SLS 2024, Y2 – Y6 [353]

STUDENT PROFICIENCY LEVELS



TIER	LEVEL	NO. OF STUDENTS	PERCENTAGE
G	Tier 1 (Green)	135	38.24%
A	Tier 2 (Amber)	147	41.64%
R	Tier 3 (Red)	76	21.53%

AVERAGE LEXILE 2024, Y2–Y6 [417]

OVERALL AVERAGE LEXILE READING SCORE

330.8

YEAR RANGE
Year 2 – Year 6

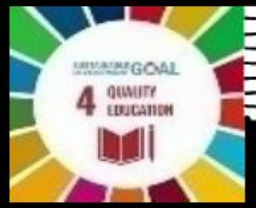
TOTAL STUDENTS
417
Total number of students assessed.

STUDENTS ACHIEVED THEIR LEXILE READING LEVEL
42.8%
Percentage of students who achieved their expected Lexile level.

- Low writing proficiency
- Limited engagement
- Lack of authentic writing

Brunei Vision 2035

MOE Strategic Plan 2023 - 2027



SDG4 Quality

Classroom Practice

TEACHER-LED LEARNING DESIGN FRAMEWORK

Steered by Teachers, Propelled by AI

1 PLAN
Purposeful Planning and Design

- Identify learning needs
- Set learning goals
- Design authentic learning experiences

Teacher-led Planning
Teacher as Designer

2 DO
Teaching, Learning and Support

- Guided writing and strategies
- AI-supported learning
- Teacher scaffolding and support

AI as a Learning Partner
Scaffolding & Guided Practice

CONTINUOUS IMPROVEMENT (PDCA)

PLAN → DO → ACT → CHECK

3 CHECK
Feedback, Reflection and Evaluation

- Peer and teacher feedback
- Reflection on learning
- Evaluate progress and growth

Peer and Teacher Feedback
Reflection for Growth

4 ACT
Revision, Refinement and Sharing

- Revise and improve writing
- Publish and share
- Collaborate with authentic audiences

Authentic Audience
Publication and Collaboration

FUTURE-READY WRITERS

STRONG WRITERS
Confident, expressive and independent writers

DIGITAL LITERACY
Effective and responsible use of digital tools and AI

CRITICAL THINKING
Analyse, evaluate and make informed decisions

COMMUNICATION
Articulate ideas clearly in diverse contexts

COLLABORATION
Work effectively with others and value diverse perspectives

RESPONSIBLE AI USE
Use AI ethically, safely and purposefully

IMPACT

- Improved literacy performance
- Increased student engagement and confidence
- Teacher professional growth
- Stronger partnerships and school-community support

CONTINUOUS IMPROVEMENT (PDCA) | Monitor • Evaluate • Reflect • Adjust | Data-informed decisions to enhance teaching and learning

The Learning Journey: From Ideas to Authentic Publication

1. Authentic Task

2. Teacher Modelling

3. Guided Writing

4. AI-Supported Feedback

5. Peer Feedback

6. Teacher Conferencing

7. Revision

8. Publication

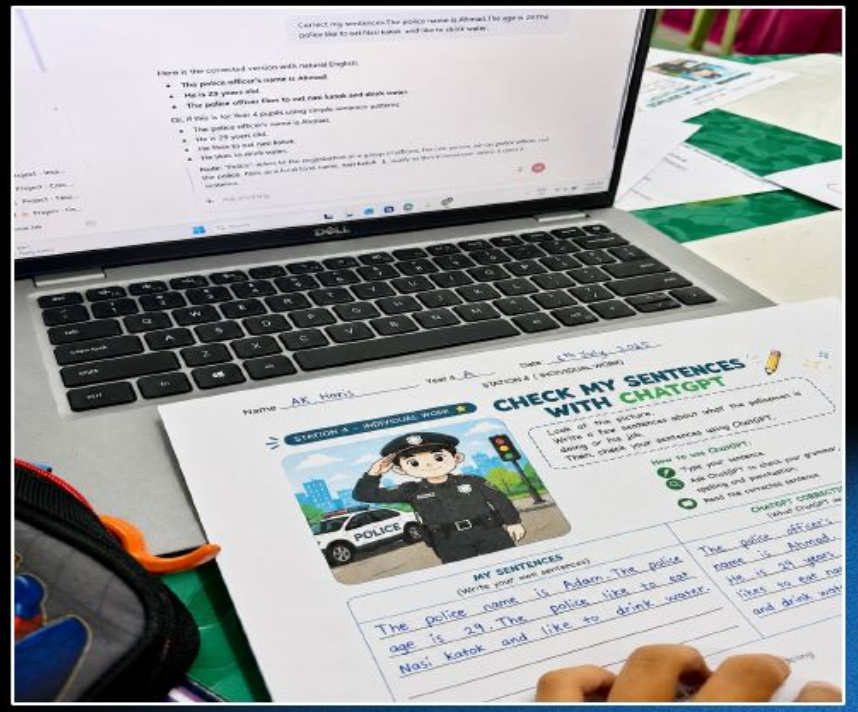
9. Reflection

Teacher steers • AI supports • Students create, revise and reflect

AI as a Learning Partner: From Stimulus to Refinement

AI-Generated Video to Activate Prior Knowledge

AI-Generated Visuals as Writing Stimuli



AI-Supported Vocabulary & Sentence Refinement

Promoting Digital Ethics in the Use of Social Media

Cyber Security Talk For parents by BruCERT

BEYOND WRITING:

BUILDING FUTURE-READY LEARNERS

THE 6C's | 21st CENTURY SKILLS

- CRITICAL THINKING
- CREATIVITY
- COLLABORATION
- COMMUNICATION
- CITIZENSHIP
- CHARACTER

BRUNEI–MALAYSIA VIRTUAL COLLABORATION

- RESPONSIBLE & ETHICAL AI USE
- DIGITAL LITERACY
- CRITICAL THINKING & CREATIVITY
- COMMUNICATION & COLLABORATION
- CULTURAL & GLOBAL AWARENESS
- MULTIMEDIA COMMUNICATION

EMPOWERING STUDENTS TODAY, SHAPING A BETTER TOMORROW.

"From Classroom Innovation to Systematic Implementation"

OUR IMPLEMENTATION FRAMEWORK

FOCUS	OBJECTIVE	ACTION
Partner schools	Adopt – Adapt – Apply (3A model)	E-book Co-project
Process	Improve quality	Standardise best practices
School	System integration	Embed in school programmes & initiatives
Curriculum	Scale usage	Expand across subjects
Policy	Safe AI	Strengthen safe & ethical AI practices
Teachers	Sustain capacity	Continuous PLC
Parents	Home support	AI workshops
Network	Wider impact	Disseminate best practices to other schools

PARTNER SCHOOLS

SK Bandar Easter, Kota Tinggi, Johor

SK Sg Tengas, Serdang, Kedah

SK Madai, Kunak, Sabah

SK Buloh Kasap, Segamat, Johor

SM Awang Semaun, Brunei Darussalam

FROM INNOVATION TO IMPACT:

A Three-Year Journey

2025

Explore & Validate

Trying new ideas, learning what works, and building the foundation.

2026

Sustain & Institutionalise

Embedding effective practices into systems, routines, and school culture.

2027

Optimise, Scale & Lead

Improving impact, scaling across and beyond our school, and leading for others.

WHAT CHANGED FOR STUDENTS?

From participation to ownership

COLLABORATING & SHARING

USING AI TO SUPPORT LEARNING

REFLECTING, REVISING & IMPROVING

CREATING FOR A REAL AUDIENCE

- Greater Collaboration
- Task Commitment
- Digital Participation
- Independence
- Responsible AI Use
- Authentic Publication

What Changed for Teachers?

Increased AI adoption in teaching

97.62% (41/42) observed teachers.

AI-supported teaching practices

Grade 4 (excellent): from 11 → 16 teachers

Whole-Class Engagement

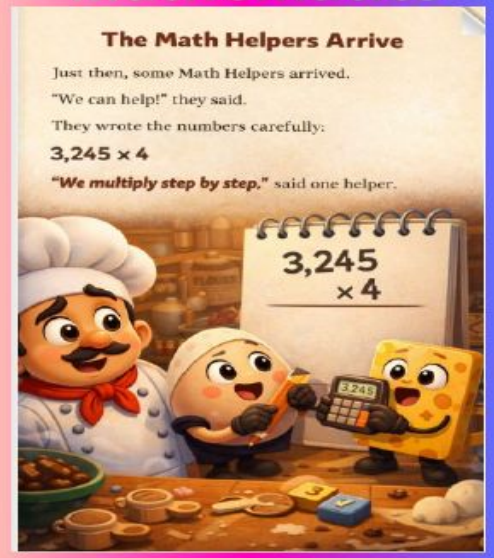
Grade 4 (excellent): from 22 → 36 teachers

Innovation Became a Shared Practice

Innovation Moved Beyond English Language

Y1 Bahasa Melayu

Y4 Mathematics



Y6 Pendidikan Islam

Y6 Mathematics

Ai embedded into school programs and campaigns

National Day

Campaign

Hari Raya

Digital etiquette

Digital etiquette

Stronger Together, Brighter Tomorrow

STUDENTS

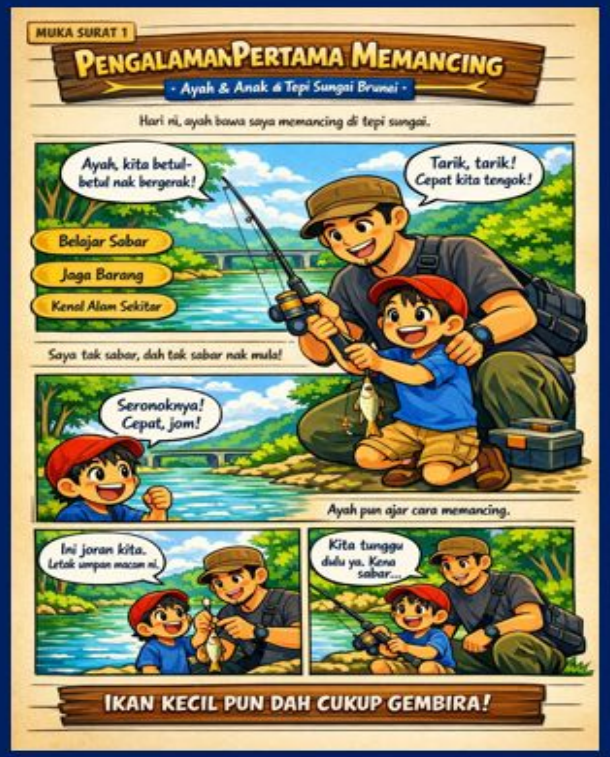
TEACHERS

PARENTS

INTERNATIONAL PARTNERS

COMMUNITY

Ai-assisted digital stories created by parents



97.6% of parents **strongly agreed** the programme should continue.

CHALLENGES AND MITIGATION

CHALLENGES	MITIGATION
AI tool limitations (free versions & access constraints)	**Shared access,** ensuring sustainable and cost-effective implementation.
Time constraints	• Phased implementation • Lesson integration
Students' varied skills	**Flexible grouping,** differentiated tasks, and guided support.
Teachers' varied skills	• PLC sharing, peer mentoring, & hands-on AI training. • Step-by-step guidance with shared resources. • Gradual upskilling through collaborative practice and support.

Lessons Learned

01

Pedagogy before technology

AI worked best when guided by teachers. Good teaching remained central, while AI supported learning.

02

Responsible AI must be explicitly taught

Students need clear guidance to use AI safely and ethically. Digital ethics and responsible AI use should be part of everyday learning.

03

Authentic audiences increase meaning

Working with parents, community, and partner schools made learning more meaningful and engaging.

04

Whole-school ownership sustains innovation

Leadership, teacher collaboration, and continuous monitoring helped make innovation part of everyday school practice.

05

Reflection and evidence drive improvement

Regular reflection, feedback, and data helped improve teaching and keep the programme effective and sustainable.

THE NEXT HORIZON: 2027

- Sustainable AI integration across learning areas
- Ongoing teacher upskilling and PLC collaboration
- Ethical and responsible AI practices
- Expansion of global collaboration projects
- More authentic, student-created digital learning products
- Continuous reflection and improvement through data and feedback

Steered by teachers, propelled by AI.

AI can help move education forward, but teachers must remain the ones guiding and leading learning.

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