



Department of  
Education

GOVERNMENT OF  
WESTERN AUSTRALIA



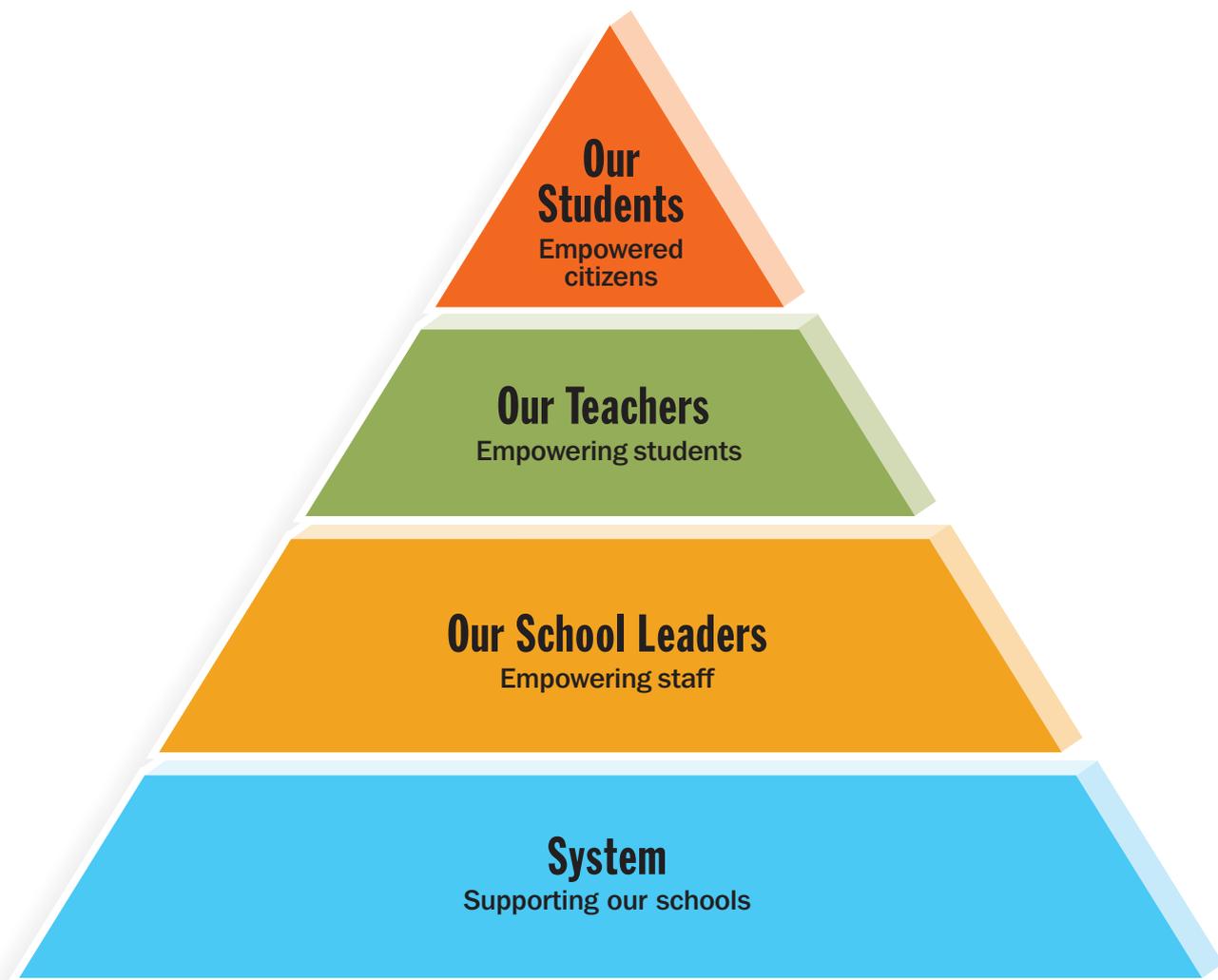
**2020 – 2024**

# **ICT VISION FOR TEACHING AND LEARNING IN PUBLIC SCHOOLS**

**Every student, every classroom, every day**



# Vision: Learning without limits



Every student is an empowered creator and user of technology



Every student's learning is maximised and personalised through technology



# From the Director General

The way we educate is constantly changing. Every day, technology is playing a greater role in how we teach, transforming the way students learn.

We are already making huge strides. Introducing digital technologies into the curriculum, and embedding the ICT general capability across all learning areas, is empowering students to become confident and capable users of technology.

We all recognise that Western Australia has some unique geographical challenges when it comes to the delivery of education. We already successfully use technology to address some of these challenges, particularly in our delivery of distance education and our use of flexible, online professional learning.

But I see our challenges are much broader and evolving. Work places and job roles are changing at an unprecedented rate and we don't know what the future of employment will look like. What we do know is literacy, numeracy and technology skills will be essential for young people to prosper in the future.

I want every student to receive a world-class education. This means embracing technology and being flexible in the way we teach – to inspire and maximise learning. It means preparing students for a world that is constantly changing and evolving, by developing in them the personal capabilities and technical skills they will need for success. It also means giving you the support to do this.

It is time to take the next step and look at how we deliver education, and to support our students to learn how to appropriately assess, apply and maximise its benefits.

My goal is that we use technology to provide responsive schooling options that personalise learning to individual students, their capabilities and their aspirations. And that we use online learning resources, facilities and expertise, to help raise standards of achievement, and to improve the quality of our teaching.

This is an opportunity to establish our reputation as international leaders in education. I encourage you to join me on the journey.



Lisa Rodgers  
**Director General**





# Every student, every classroom, every day

## Strategic directions for public schools 2020-2024

Our aspiration is for every student to:

Unlock and fulfil their learning potential

Be equipped with contemporary and emerging work capabilities

Develop the personal and social attributes that form the basis for future wellbeing

Achieve year on year growth in their learning throughout their schooling

Be well prepared to take the next step beyond school into further education, training or work

We can only achieve this if we understand that we are preparing our students for the world of tomorrow – not the world of today.

- **Our students** need to be ready for a future where technology rapidly evolves and creates an ongoing transformation in workplaces and job roles. This means young people must have the capability to adapt and transfer their knowledge and skills across a range of learning and work environments.
- **Our teachers** need to learn like their students and model collaboration, continuous learning and the acquisition of new skills. They also need to ensure students have access to technologies that will improve their learning and progress.
- **Our school leaders** must take responsibility for driving a culture of technological innovation and collaboration that delivers improved outcomes for every student.
- **Our support** will include developing sustainable processes and professional support that tap into the potential of existing and emerging technologies to improve staff efficiency and maximise every student's learning and progress.

By doing this, our schools will continue to grow as hubs of creativity, innovation and opportunity.

# Our Students

Empowered citizens

**Capitalise on the opportunities of the future as empowered creators and users of technology.**

**Our students will be encouraged to:**

1. Be inspired to apply creative thinking and design processes to generate and test new ideas and co-create solutions.
2. Become discerning users of technology and choose the right tools at the right time.
3. Navigate the digital environment responsibly, safely and ethically, to maximise opportunities in learning, work and life.
4. Personalise their learning, and use technology to generate new ideas and new ways to learn.
5. Be empowered to use technology to create, use and communicate complex ideas clearly and effectively for a range of purposes and audiences.
6. Take an active and strategic role in using technology to achieve learning outcomes.
7. Be critical consumers of information to enrich their learning and broaden their understanding.
8. Model positive and responsible use of technology, focusing on wellbeing, cyber safety, global citizenship, cultural competence and ethical practices.
9. Be well prepared to take the next step beyond school into further education, training or work.



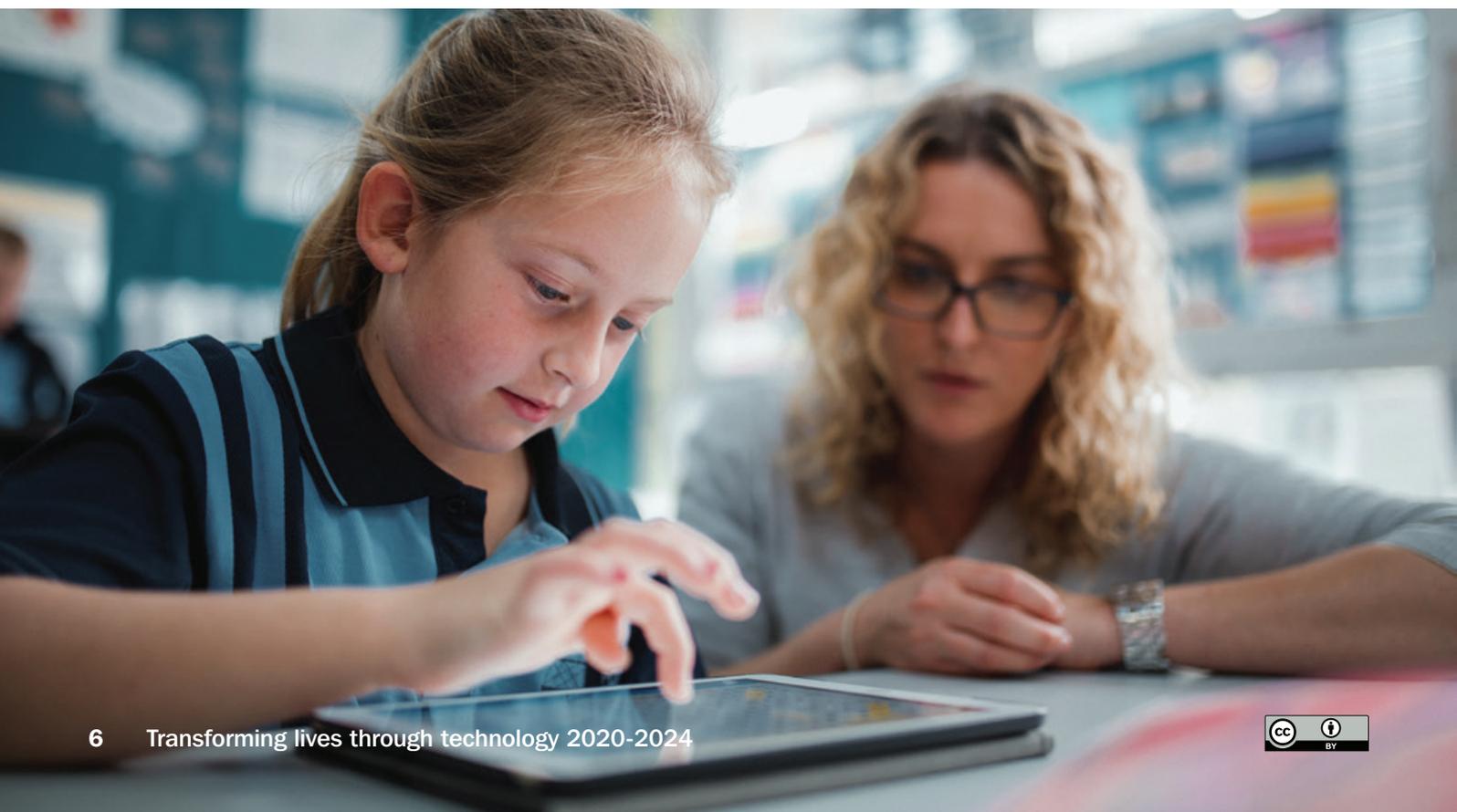
# Our Teachers

Empowering students

**Expertly select and apply technologies to maximise every student's learning and progress.**

**Our teachers will enable opportunities to:**

1. Identify new and existing technological resources to enhance student learning.
2. Become flexible, fluent, and agile digital consumers in partnership with students.
3. Seek out professional learning opportunities and use technology to collaborate with colleagues and the school community to strengthen delivery of the Western Australian Curriculum.
4. Use technology to foster student creativity and engage them in real world problems.
5. Model positive and responsible use of technology, focusing on wellbeing, cyber safety, global citizenship, cultural competence and ethical practices.
6. Provide students with more powerful opportunities to demonstrate learning and reflect on their progress through technology.
7. Use technology to more efficiently and effectively collect and analyse student achievement data to improve learning outcomes.



# Our School Leaders

Empowering staff

**Drive a culture of technological innovation and collaboration that delivers improved outcomes for every student.**



## **Our school leaders will model ways to:**

1. Encourage staff to discover, explore and apply new technologies.
2. Lead, inspire, and promote the use of technology to open up new ways of connecting, sharing, teaching and learning.
3. Empower students and staff to actively participate in the future direction of technology and how it is used in their school.
4. Establish expectations for ongoing development and improvement in the use of technologies across the school community.
5. Promote professional learning in the implementation of technologies, based on school context and student learning needs.
6. Capitalise on the capacity of technology to support school improvement planning through the more efficient collection and powerful analysis of data.
7. Promote an environment where staff and students feel safe and supported in their use of technology.
8. Monitor and manage the impact of technology and its use on the wellbeing of students, staff and the school community.

# System

Supporting our schools

**Create sustainable processes and professional support to enable a focus on maximising every student's learning and progress.**



## **Our system and school support services will:**

1. Use current and emerging technologies to develop flexible and efficient processes that reduce staff time on administrative tasks to maximise the time they focus on teaching and learning.
2. Use technology to help schools, staff and students connect and collaborate with each other.
3. Identify and enable access to effective assistive technologies to promote equity and opportunity.
4. Implement whole-of-government projects and efficiencies through the better application of technology.
5. Develop safe processes and systems that support accurate data collection, analysis and data sharing, to enable schools and teachers to continually apply and improve evidence-based practices.
6. Provide professional learning opportunities to build awareness and confidence regarding the use of technology to deliver the curriculum and meet the needs of individual students.
7. Implement policy and governance frameworks that provide equitable access to technology for all staff and students regardless of location.
8. Ensure schools are supported to adequately protect the collection and storage of the data and information they hold on students, staff, parents and other members of their school communities.