SCHOOL LIBRARIES: THE HEART OF 21ST CENTURY LEARNING
School Libraries: the Heart of 21st Century Learning

Thriving school libraries led by qualified teacher librarians develop 21st century citizens who can locate, evaluate and use information effectively. International and domestic data abounds which confirms that a qualified teacher librarian improves student learning outcomes (including higher NAPLAN scores) regardless of students’ socioeconomic status. When teaching and learning is transformed by the digital revolution, teacher librarians enhance digital and information literacy, resource the curriculum and help students become critical, creative and collaborative thinkers.

When looking toward the future, expect to see...

- libraries transform into learning commons
- the impact of makerspaces on various aspects of the library learning commons
- virtual learning commons accessible to everyone, at any place and on any device
- the library as the centre of knowledge creation and knowledge consumption
- the library program impacting self-directed learning, differentiation, and project-based learning
- the impact of quality information on teaching, learning and student-created products
- co-teaching of teacher librarians with classroom teachers (not just parallel teaching or supportive assistance)
- regular collaboration between technology directors and school librarians
- social media as a platform for students to access information and use library learning commons

(Adapted from Scholastic Library Publishing (2015), School Libraries Work!)

Teacher librarians are playing a leading role in the worldwide movement to integrate makerspaces with teaching and learning in schools.

Makerspaces foster collaboration, creativity, problem solving and exploration through a STEAM (Science, Technology, Engineering, Arts and Mathematics) focus.

Find out more about Makerspaces: http://tinyurl.com/hd7gaqa
The Expert, The Collection and The School Community

The Expert

Teacher librarians combine a command of 21st century pedagogies and curricula with expertise in information science: the analysis, collection, classification, manipulation, storage, retrieval, movement, dissemination, and protection of information. Working with a teacher librarian strengthens the skills of classroom teachers and students.

Finding information is not a problem in today’s world. The problem is finding USEFUL and TRUSTWORTHY information quickly. The teacher librarian leads the school-wide effort to organise and utilise information to make it valuable and accessible to staff and students.

Working with all staff and all students, teacher librarians have a holistic, ‘bird’s eye’ view of your school and the particular resource needs of your students, staff and families.

Where can I find out about biofuels?

How do I get my son interested in reading?

What resources are available to engage my students with this topic?

Teachers, students and parents come to the teacher librarian when they have a problem they cannot solve themselves. Teacher librarians are trained to solve the hard problems. They make resources accessible to your school community through the library catalogue and other digital curation tools.
Supporting quality teaching and learning

Effective teacher librarians make quality teaching a reality across an entire school. The services they provide and the resources they access impact on every teacher and every student. International and Australian research has long shown that student learning outcomes and test scores increase with a qualified teacher librarian on staff (see reference list).

Teacher librarians collaborate across schools, sectors and systems. They use social media and email listservs to connect with and build professional relationships with experts in Australia and around the world in a range of curriculum areas.

Qualifications matter

If, as a school leader, you are having difficulty recruiting a qualified teacher librarian, this is an opportunity to build capacity in your staff. Shoulder tap the teacher who thinks about the ‘big picture’, who has an interest in emerging technologies and what they mean for student learning, and who builds professional relationships with everybody. As soon as they start their Masters degree, your teachers and students will reap the rewards!

TEACHER LIBRARIAN QUALIFICATIONS INCLUDE:

- Graduate Diploma of Applied Science
  (Library and Information Management)
- Graduate Diploma of Education
  (Teacher Librarianship)
- Master of Applied Science
  (Library and Information Management)
- Master of Applied Science
  (Teacher Librarianship)
- Master of Education
  (Teacher Librarianship)
- Master of Information Services
  (Teacher Librarian)
The Collection

Contemporary teaching and learning resources

Teacher librarians use professional selection criteria to make resourcing choices that keep your library collection current and relevant to the curriculum and your school context. Teacher librarians are professional curators - they select only the most useful resources for teaching and learning. This saves time for your teachers and your students. No more basic Google searches to ‘recreate the wheel’ every semester.

Teacher librarians use the latest technologies to connect their school community to quality resources. They establish and maintain links to local, national and global education networks, ensuring your school maintains a position at the cutting edge of worldwide resourcing and technological trends.

Targeting information to your student community

Every school community is unique. Teacher librarians carefully select physical and digital resources to personalise your school’s collection for your community. They engage in a constant process of evaluation and critique of resources to ensure items that detract from a quality collection are weeded out. Teacher librarians know your collection inside out and can quickly match a library user with the best resource for him/her.

Students feel validated when their life experiences are shown in literature. The teacher librarian identifies and finds resources to support and represent the diverse groups within the school community.

Mastering the digital environment

A tsunami of information is available online. However, much of this content is:

- not free
- not for children
- not to be believed without considered evaluation.

Teacher librarians help students and teachers navigate an information-abundant world to efficiently locate reliable, authoritative and meaningful resources. As experts in information and communication technologies, they help students define, access, manage, integrate, evaluate, create, and communicate ethically and intelligently.
The School Community

Differentiation in Practice

Schools with a teacher librarian are quickly connected with targeted, multimodal, differentiated resources for the diverse learning interests and needs of your students, including those with:

- English as an additional language or dialect
- different cultural backgrounds, including Aboriginal and Torres Strait Islander peoples
- giftedness
- learning difficulties
- disabilities

Teacher librarians personalise their services to the needs of:

- the new and the experienced teacher
- the keen and the reluctant reader
- the skilled and the overwhelmed learner
- individuals, teams, and groups across the school community

The support and counsel of teacher librarians greatly enhances classroom teachers’ capacity to skillfully embed the Australian Curriculum ICT and Critical and Creative Thinking general capabilities into their lessons. Teacher librarians are the information specialists who support teachers by collaborating to design tasks and team teach lessons targeting the skills ‘just in time’ when they are most relevant to students.

Classroom teachers are then better equipped to develop these lifelong learning skills with students.
Using metadata to make your collection appealing and accessible

Metadata is information about the information you possess. Teacher librarians know that personalised, effective metadata saves time and energy. When the library catalogue has quality metadata, teachers and students find what they need with one or two clicks. When the metadata is poor, those same teachers and students leave the library feeling frustrated and disappointed because they cannot find what they need (even when it is actually there!)

Making School Libraries Work Takes Commitment

Support from School Leaders is Critical to Success

The effectiveness of school library programs depends a great deal on the administrative support they receive. Recent research shows a strong relationship between test scores and the degree to which the principal values and supports the library media program (Lance 2007). Support for the role of school libraries and librarians can take many shapes, some with low or no cost that can be started immediately and others that might require longer-term strategic planning and funding.

Resource management time

Resource management time is crucial for the teacher librarian to manage, facilitate and develop the library's resources.

Resource management includes the following activities:

- Locating, selecting and ordering resources to support teaching and learning
- Employment of strategies to maximize access to print and electronic resources
- Original cataloguing (creating personalised, high-quality metadata)
- Collection analysis and weeding to ensure the library collection meets the needs of the school community
- Development and administration of resource budgets and reporting to school administration
- Development, documentation and review of library resource centre policies to reflect school and system priorities
- Day-to-day administration of the collection (when no library technician, assistant, or volunteer support is available). This includes loans, returns, losses, shelving, SCIS cataloguing, book covering, resource repairs
**Face-to-face teaching time**

Teacher librarian face-to-face teaching includes time for student contact and consultation in the library Q4.1(b)iii of the ACTPS Education and Training Directorate (Teaching Staff) Enterprise Agreement 2014-2018, p.128. The following types of activities constitute teaching: lessons in the library; release programs; teaching groups in co-operation with other teachers (e.g. co-operative planning and teaching); working with students and teachers undertaking individual research or otherwise using library resources. If the library is open before or after school with the teacher librarian on duty, this counts towards the teacher librarian’s face-to-face teaching hours.

**Lunch breaks**

Teacher librarians are entitled to a lunch break in the same manner as other teachers: ‘The minimum break over a school day is 30 minutes, which is separate from normal release time’ (Q1.5 of the ACTPS Education and Training Directorate (Teaching Staff) Enterprise Agreement 2014-2018, p.127. To ensure teacher librarians access appropriate breaks, duty in the library during lunchtimes should be shared between all staff on the playground duty roster (and not default to the teacher librarian).

**Relief Teaching**

Effective teacher librarians positively impact the learning outcomes of all students. Removing teacher librarians from their teaching and administrative duties for the purpose of relief teaching diminishes their ability to perform their role and deliver the associated benefits to students and colleagues.

**The role of library technicians and assistants**

Teacher librarians can only operate at their highest level if they are supported behind the scenes by library support staff. A well-run library requires work to be done at a variety of levels, and only when the basic levels are taken care of can the teacher librarian really shine.

**21st Century Learning**

Students must become savvy information interpreters and creators as well as critical, creative and collaborative thinkers if they are to meet the demands of a 21st century life. The research base strongly supports the role that teacher librarians play in improving student learning outcomes and in building the capacity of staff to teach essential 21st century skills.
Research base for the impact of teacher librarians and school libraries

General Information


- The Australian School Library Association website is worth exploring for general information and research.


- Guided inquiry and the curriculum, Information literacy, Joint statement on school libraries and teacher librarians, School library funding, Standards and Teacher librarian qualifications are particularly worth a look.


- A useful explanation of the various roles and qualifications for different library workers.


- This is a brief, helpful breakdown of the different elements of being a teacher librarian.

‘At a Glance’ Information


- This poster covers both academic and socio-emotional benefits of having access to a teacher librarian. It was developed through a variety of sources including research conducted by the Partnerships Advancing Library Media (PALM) Center at Florida State University.


- An infographic summarising research findings over the previous 20 years and identifying the school library characteristics associated with better test scores.

Research - Teacher librarians in the 21st century


- This research looked at the impact that a full time, qualified teacher librarian has upon reading test scores and found that the significant positive impact is independent of socio-economic status, race/ethnicity and/or disability status. It also examines other factors such as collection size, access to digital resources and funding with regard to student achievement.


- Commissioned by the School Libraries and Information Literacy Unit, Curriculum K-12 Directorate and NSW Department of Education and Training summarises an online discussion gathering information about the future of school libraries.
Australian research – Teacher librarians and student learning outcomes


- Now in its seventh year, this Australian survey (from last year) connects well-resourced libraries with higher student learning outcomes and higher NAPLAN scores. This aligns with the wealth of international data that supports this connection.


- This article summarises a research study conducted in Australian schools on the Gold Coast and explores the contribution that school libraries and teacher librarians make to literacy development.


- This report summarises the recent federal inquiry into school libraries and teacher librarians.

International research – Teacher librarians and student learning outcomes


- This report from Colorado, USA, examines changes in standardised test scores of students over time as they are influenced by changes in levels of school library staffing (including the qualifications of the staff).


- This study confirms that qualified teacher librarians are associated with higher reading and writing test scores and also that this positive impact is independent of demographic and economic differences among students.


- This study of the impact of school libraries and librarians on student test performance provides evidence of the value of highly qualified librarians, especially at the primary school level. The study also documents not only the impact of school libraries and teacher librarians on how high or low students’ test scores are, it also examines their impact on low-performing as well as high-performing students in standardised tests - relevant to those concerned about closing the achievement gap between ‘have’ and ‘have not’ students.


- This American publication summarises research findings of about ten years of school library-related research.


- This paper gives a summary of research into 39 school libraries in Ohio with students from years 3 to 12.


- This paper focuses on the perceptions of school principals and teaching faculty in relation to the school library and the helps it provides to students. Set against a brief review of current literature, it examines data provided by 879 faculty in 39 elementary, middle and high schools of Ohio as part of the Student Learning through Ohio School Library research study.