



**CELEBRATING
80 YEARS**
OF THE SCIENCE TEACHERS
ASSOCIATION OF VICTORIA



ANNUAL REPORT

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Associate Professor Misty Jenkins AO
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2022 - 2023

About Us



Since 1943, STAV has been hearing and amplifying the voices of members to advise and influence the science education sector. This important work is intended to inspire the public to make informed decisions affecting state and national policy about Science related issues.

As professionals, STAV members work in partnership with governments, schools, industry and community leaders to enact opportunities for future-focused science education. STAV's focus includes women in STEM, sustainability education and respect for First Nation knowledge and science practices.

PURPOSE

The Science Teachers Association of Victoria (STAV) advances science education through offering professional learning opportunities for Science educators to engage students and the wider community in the real-life applications of Science.

VALUES

Knowledge, Integrity, Collaboration, Responsiveness, Innovation, Conviction, Culture of Enquiry.

Strategic Goals



VISION

A community that demonstrates its passion for science and science education and thrives on innovation and renewal.

STAV Council



Alexandra Abela

STAV President
Marian College Ararat



Amanda Peters

STAV Vice President
Deakin University



Dr Emily Rochette

STAV Vice President
The University of
Melbourne



Dr Robert Roe

STAV Treasurer
STAV Life Member



A/Prof Peta White

STAV Honorary Secretary
Deakin University



Dale Carroll

STAV Councillor
The Geelong College



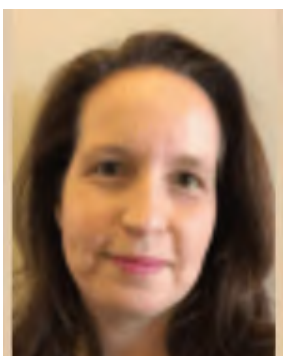
Sarah-Jane Chuck

STAV Councillor
Kilbreda College
Mentone



Farah Deeba

STAV Councillor
Al-Taqwa College



Jodie Donaghey

STAV Councillor
Holy Rosary School
Kensington



Dr Rod Fawns

STAV Councillor
STAV Life Member



Denise Raven

STAV Councillor
Mater Christi College



Chris Wines

STAV Councillor
Ballarat High School

President's Report

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STAV's Purpose

The Science Teachers Association of Victoria (STAV) advances science education through offering professional learning opportunities for science educators to engage students and the wider community in the real-life applications of science.

STAV's Vision

A community that demonstrates its passion for science and science education and thrives on innovation and renewal.

STAV's Values

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STAV is a not-for-profit member association governed by a voluntary Council elected by the STAV membership and supported by paid staff. As well as providing services of direct benefit to members, STAV has had a wider interest in promoting science education and the public understanding of science in Victoria since its foundation.

Science Victoria was established in 2004, to manage activities conducted by STAV not directly related to members, as well as to expand the activities that would broadly promote science education. The main current operations of Science Victoria are the conduct of a professional development program. STAV is the sole member of Science Victoria, and all appointments to the Board of Science Victoria are nominees of the Association. The Board of Directors is accountable to the Members for the governance, management and control of the activities, business and affairs of the company.

This 'new look' Annual Report will deal with aspects of Science Victoria's activities but primarily those of STAV itself. All activities conducted throughout the financial year are aligned with STAV's Strategic Plan 2022-2025.

STAV Council

STAV is governed by a voluntary council. This Council is an executive body responsible for policy making and managing the business of the Association. It receives, considers and acts on reports from officers and committees. STAV Council meets at least four times a year as well as via electronic communication. Council and Executive meetings have been conducted in a largely hybrid format and meetings have well exceeded four in number.

At the end of the reported period, STAV Council membership was as follows: Alexandra Abela, President (Marian College Ararat), Dale Carroll (The Geelong College), Sarah-Jane Chuck (Kilbreda College), Farah Deeba (Al-Taqwa College), Jodie Donaghey (Holy Rosary School), Dr Rod Fawns (STAV Honorary Life Member), Amanda Peters, Vice President (Deakin University), Denise Raven (Mater Christi College), Dr. Robert Roe, Honorary Treasurer (STAV Honorary Life Member), Dr. Emily Rochette, Vice President (University of Melbourne), Associate Professor Peta White, Honorary Secretary (Deakin University), and Chris Wines (Ballarat High School). In April 2023, we farewelled from STAV Council, long-serving Councillor Michael Rosenbrock (Wodonga Senior Secondary College). I wish to formally thank Michael for his dedicated service to STAV as a member of Council, noting his ongoing contributions to and stewardship of the organisation in myriad forms.

STAV's working parties and focus groups

A subject association with active, engaged members is a healthy and vibrant one. Working parties or 'focus groups' have been established and populated to conduct work in key priority areas. Whilst STAV Council oversees governance of the Association, STAV's working parties are seen as enabling much greater engagement from and with the STAV community, not only in support of STAV Council, but more broadly in the advancement of science education across the state of Victoria.

Chaired by at least one STAV Councillor and/or STAV Life Member, the working parties include: STAV History (Chairs: Rod Fawns & Richard Gunstone); Laboratory Technicians (Chair: Dale Carroll); Science Education Research (Chair: Peta White); and STAV Editorial Committee (Co-Chaired by Amanda Peters and Dr. Fiona Trapani). Membership of STAV's working parties is open to all STAV Individual and Honorary Members and I encourage you to consider taking up this unique, enriching opportunity. On behalf of STAV's membership, I extend my thanks to all chairs and members of STAV's working parties for their leadership, expertise and energy in this space.

STAV's 80th Anniversary Celebrations: Honouring the work of STAV's Historians and foreshadowing STAV's Annual Report 2023-2024

17 July 2023 marked the 80th anniversary of the foundation of the Science Teachers' Association of Victoria, 1943-2023. On Wednesday 20 September 2023, in commemoration of this milestone, invited guests were hosted at an afternoon tea by Her Excellency Professor the Honourable Margaret Gardner AC Governor of Victoria at Government House. It was very special to be able to gather to take time to celebrate, reflect and share stories. The occasion was especially significant for STAV's Historians, most of whom were present on the day. As I did then, I acknowledge now: Dr Rod Fawns (Life Member & STAV Councillor); Dr Robert Roe (Life Member, Treasurer of STAV, Past President); Emeritus Professor Richard Gunstone (STAV Life Member); Mr Mark Learmonth (STAV Life Member); and Mr Don Hyatt (STAV Past President). The documentation of STAV's history allows us a critical lens through which we can examine STAV's impact and purpose, its vision and values, and its ebbs and flows.

Next year's Annual Report will reference the Anniversary celebrations in greater detail and will also celebrate the gift of a published History of STAV.

STAV's Strategic Plan 2022-2025

In July 2022, members of STAV Council and SV Board commenced work in earnest on STAV's new Strategic Plan. Facilitated sessions saw the first draft being available for review in August 2022 and after several revisions, the completed document was launched at STAVCON in November 2022.

The drafting process was inspiring and successful in challenging our thinking every step of the way. For their input, insights and support, our sincere thanks go to Liz Billings (STAV Interim Executive Manager), Cath Smith (Changesmith Consulting), Ilena Young (Managing Director of Startup Shakeup), and Dr Deb Hull, (Chair CPTAV and Executive Officer HTAV). Furthermore, I thank STAV's membership, for its engagement and invaluable input via membership surveys, interviews and other vehicles for providing feedback. I repeat my invitation of 2022 to all members and stakeholders to become a partner with our strategic vision.

Guided by the Strategic Plan, the work conducted by STAV Council in the intervening time has been nothing short of remarkable. This work of governance has focused on several key areas, all of which are on target for completion within the life of this Plan. These milestones are elaborated upon in the reports to follow; nonetheless, I draw to your attention a number of areas on which members of Council and Board have been working in a targeted and sustained fashion.

These include:

- The development of a Charter to communicate STAV's values and ways of working.
- The refreshment of STAV's governance structures and processes to deliver wise and future-oriented strategic leadership, good governance and accountability, ensuring financial and regulatory compliance and reporting aligned with the priorities of the strategic plan.
- Implementing structures and supports for volunteer Councillors, members of working parties and all other STAV volunteers.
- Scoping and actioning the best mechanisms to deliver STAV's ambitions taking into account Science Victoria's assets, role and value-add.
- Identification of advocacy priorities alongside members and stakeholders and delivery of strategic advocacy.
- Development of a growth strategy to secure diverse and sustainable resources for members, schools, government agencies, philanthropy and industry partners, to contribute to STAV's purpose and programs.
- Positioning and proactive engagement with key partners, governments, policy makers and the wider community, to secure STAV's reputation as a leader in advancing Science education.

STAV's Operational Leadership: A New Executive Director

A key and much anticipated milestone for STAV was the appointment of Ms Joanne Phillips to the role of STAV Executive Director on 26 June 2023. Joanne's experience covers several roles in Membership Associations, spanning governance, operations, commercial activities and membership engagement. We consider Joanne a fantastic recruit to lead STAV's operations, and someone who is very well equipped to continue the pivotal work undertaken by Interim Executive Manager Liz Billings.

With that, my sincerest and warmest thanks go to Liz Billings for her outstanding contributions to STAV since her engagement in January 2022. Liz's expertise in managing change environments in the not-for-profit space is unparalleled, and we are indebted to her for the critical role she has played in launching STAV into the next exciting phase of its strategic plan. In a relatively short period of time, Liz broke much new ground; she led with great professionalism, vision, integrity and empathy. Those who worked closely with Liz across both STAV's governance and operations teams cite her unique blend of energy, intelligence, loyalty and humour. On behalf of the STAV Community, my sincere gratitude and best wishes go to Liz for her exemplary service as she embarks on her next adventures.

In the short time that Joanne has been on board, she has worked closely and tirelessly with STAV Council, Science Victoria Board and the STAV staff to continue to reshape the organisation. We are grateful to her for her expertise, enthusiasm and boundless energy and very much look forward to what 2024 brings.

I

In summary and on reflection

It has been yet another remarkable period across the organisation. I remain in awe and admiration of the work of STAV's volunteers, most of whom are practicing or retired teachers. It is STAV's volunteers, friends and champions who through their commitment and work, ensure STAV's sustainability and relevance. Having emerged from the global pandemic, students and educators have experienced a challenging few years. As new expectations emerge at an intensifying rate, STAV is committed to leading change by driving innovative processes and offerings for its members and the wider science education sector.

To those who embody and enact STAV's vision and mission – its dedicated Councillors, working party members, many other volunteers, staff and members – I express my gratitude. As we look to the future and in STAV's 80th year, may we all continue to find in STAV and its people, a source of guidance, support and inspiration.

I look forward to STAV's next chapter as we strive to reach our vision of advancing science education in Victoria. In doing so together, let's affirm STAV's enduring commitment in the support of teachers in the teaching of Science across Victoria since 1943.

It is with great pride and pleasure that I commend to you this Annual Report.



Alexandra Abela

STAV President

From STAV's Patron

As the Patron of the Science Teachers Association of Victoria, I am profoundly honoured to address the remarkable community dedicated to nurturing the scientific minds of tomorrow.

This past year has been a testament to the resilience and innovation inherent in our educators, who have navigated unprecedented challenges to inspire curiosity and critical thinking in their students. Science education is more than imparting knowledge; it is about kindling the flame of inquiry and equipping young minds with the tools to explore, question, and innovate. The dedication of our teachers in fostering this environment is invaluable.

Looking ahead, we stand at the threshold of immense scientific possibilities. Our collective commitment to education will empower the next generation of scientists, engineers, and innovators. Together, we are not just teaching science; we are shaping the future. Thank you to each educator for your unwavering passion and commitment.



**Associate Professor
Misty Jenkins AO**

STAV Patron

Executive Director's Report

The past year has been a transformative one for STAV, in which significant progress was made in the key focus areas for the organisation. I am delighted to present an overview of the following major initiatives and achievements from the 2022-2023 financial year:

Membership and Operations

Membership continues to trend positively for STAV, with new and returning teachers and schools in 2023. 218 School members and 238 Individual members connected with STAV this year an increase of 100 members on the previous year. Work commenced this year to modernise systems and processes for managing the membership database, and we continue to prioritise our efforts in this space. As we better understand the needs of our community, we look forward to improving communication channels, support and services to members.

We have appreciated your patience during the developments across this reporting period.

STAV Publications

STAV produced four editions of LabTalk (secondary science educators) and Let's Find Out (primary science educators) this year, along with regular communications to members and stakeholders via newsletters and social media. As STAV's digital systems evolved, the traditional monthly publication of Contact was replaced with shorter, more regular email updates to members.

Conferences & Events

After two years of running virtual events, STAVCON 2022 returned to a face-to-face format at La Trobe University Bundoora in November. Guided by the theme, Sparking Ideas: Building Connections in Science Education, delegates were officially welcomed to Country by Stacey Piper. Program highlights included keynote presentation by Dr. Saeed Salimpour, Cosmic Connections: Leveraging the awe and wonder of the Cosmos in your classroom; two VCAA updates; and fourteen workshop sessions across each of the sessional blocks. Seven schools and 53 teachers participated in the program which included in-person workshops at STAV house last year. In response to community uncertainty around the pandemic, STAV trialled a hybrid format on the day, servicing the remote delegates with success.

Following STAVCON's success, we were thrilled to host nearly 1,000 delegates at our VCE Conference Series – 'Sustainability Through a Science Lens' – held in February this year at the University of Melbourne Parkville Campus. Delegates were officially welcomed to Country by Auntie Diane Kerr, before commencing the week with keynote presentations from Professor Moira O'Bryan, Dean Faculty of Science, University of Melbourne and Professor Euan Ritchie, Professor of Wildlife Ecology and Conservation, Centre for Integrative Ecology and School of Life and Environmental Sciences, Deakin University at VCE Biology. Delegates had a range of workshop sessions to participate in along with updates from the VCAA and an opportunity to hear from the Chief Assessors.

Similar programming continued for the week, with VCE Environmental Science keynote presentations from Professor Don Driscoll, Director of the Centre for Integrative Ecology in the School of Life and Environmental Sciences at Deakin University and Professor Michael McCarthy, Professor of quantitative ecology with a PhD on stochastic population ecology, Deputy Dean of the Faculty of Science at the University of Melbourne. VCE Chemistry delegates were kept engaged by Dr Seamus Delaney (PhD SFHEA), Senior Lecturer (Science Education), and Science, Technology, Environmental Education (STEE) Discipline Head within the School of Education, Deakin University and Dr Madeline Mitchell, Research Fellow, RMIT and Food Agility Cooperative Research Centre. VCE Psychology featured Professor Susan Nolan, Department of Psychology, Seton Hall University, United States and Professor Judith Gullifer Turner, Institute of Brain and Mental Health, School of Psychological Sciences, Monash University and Dr Karen Marangio, School of Curriculum, Teaching and Inclusive Education, Faculty of Education, Monash University, with a special cameo appearance by Honorary Professor Jacquelyn Cranney, UNSW Sydney. We closed out the week with final keynote presentations for VCE Physics from Dr Rebecca Allen, PhD in astrophysics at Swinburne University of Technology, and Professor Lisa Harvey Smith.

STAV STEM Communities of Practice – A partnership between STAV and the Toyota Community Foundation

The STAV STEM Communities of Practice program showcased the work of the participants in the finale event in October 2022. The core objective of the program was to support STEM educators to strengthen their STEM program development and pedagogies through engagement in a new and vibrant community of practice. A program designed by senior members of STAV Council and consultant Dr Robert Sbaglia in 2020-2021, saw selected participants engaged in a blended model of professional development, involving both face-to-face and online learning.

Participants shared their projects at the showcase finale at the Toyota headquarters, followed by a tour of the facilities.

STAV Publishing

STAVs VCE Trial Exams were promoted broadly to previous customers, members, and potential new customers in both semesters. The expense of paper exams continues to be prohibitive for schools in the current economic climate, reflected by a decline in sales of hard copy exams. Digital purchases increased in both semesters and STAV will continue to look at how best to support the purchase and distribution of electronic papers.

Science Talent Search

The 2022 Science Talent Search 'Glass: More than meets the Eye' concluded with 1,911 entries from 2,626 students across 144 schools. We were honoured to have guest speakers Dr John Farmer OAM and Dr Lanka Wickramaarachchi from L&F Eyecare, and Ms Sheida Shadpour from Global Power Energy present on their work at the virtual Presentation ceremonies held on 16 November. In the company of their classmates and teachers in the classroom, and some parents at home online, students were all acknowledged for their award-winning STS entries. 196 Major Bursary Awards and 360 Minor Bursary Awards were awarded to students this year, with thanks to the generous support of the STS sponsors.

At the start of 2023, work was undertaken to update the STS competition resources, marketing and promotional material for the 72nd Science Talent Search – Innovations: Powering Future Industries. With over 2,500 students from 150 schools across Victoria competing in STS in 2023, the committee are busily preparing for the August judging day events at Parade College (Bundoora) and Methodist Ladies College (Kew). The dedication and commitment of the STS committee members, volunteer judges and school coordinators to deliver the STS is integral to the success and impact of the program, ensuring an enriching and educational experience for all participants. Our sincere thanks go to this extraordinary group of teachers.

STAV Staff

This year we welcomed Terrie Said (Events Coordinator), Charmaine Pienaar (Finance Officer) and Auzi Amazia (Membership and Communications) to the STAV team with Janice Teng (STS Project Officer), under the leadership of Executive Manager Liz Billings. STAV received ongoing support from business process review consultant and accountant Annie Stevens (Profits & Beyond), as well as our external book-keeper Sue Elliot.

Whilst they are not present in the STAV Office, the team of Trial Exam Writers, led by Trial Exam Coordinator Craig Tilley, once again undertook an enormous amount of work to produce the annual set of VCE Trial Exam papers. Our thanks to Craig and the team for their efforts in producing quality resources to support our secondary teachers.

As the new Executive Director, it was heartening to begin my tenure with a dedicated and cohesive team. I extend my sincere thanks to Liz Billings and the team for their warm welcome and support during my initial weeks.

Looking Ahead

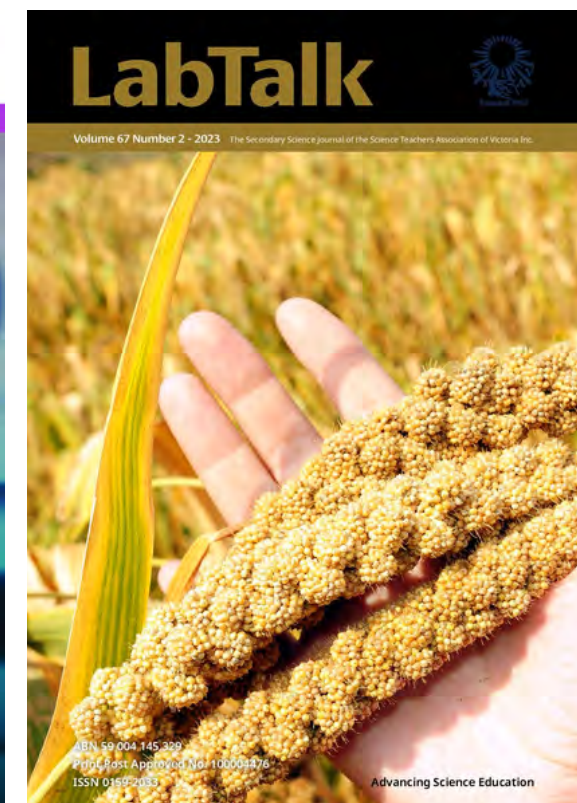
We are looking forward to showcasing STAV's Flagship talent when we host the 2024 national science teachers' conference – CONASTA 71 - at the University of Melbourne Parkville Campus in July 2024. STAV will continue to focus on expanding professional development offerings to include more online and face-to-face formats along with dedicated resources to support members in the classroom. With the launch of new technology platforms in the coming months we also look forward to connecting more readily with members and facilitating peer-to-peer networks.

As we embark on planning for the upcoming year, I am grateful for the heartfelt welcome and remarkable contributions from STAV's Council, staff, and volunteers. The collective endeavours within the organisation are undoubtedly the foundation of STAV's success and the key to the advancements achieved in this financial year. I look forward to collaborating with such a talented and committed team.

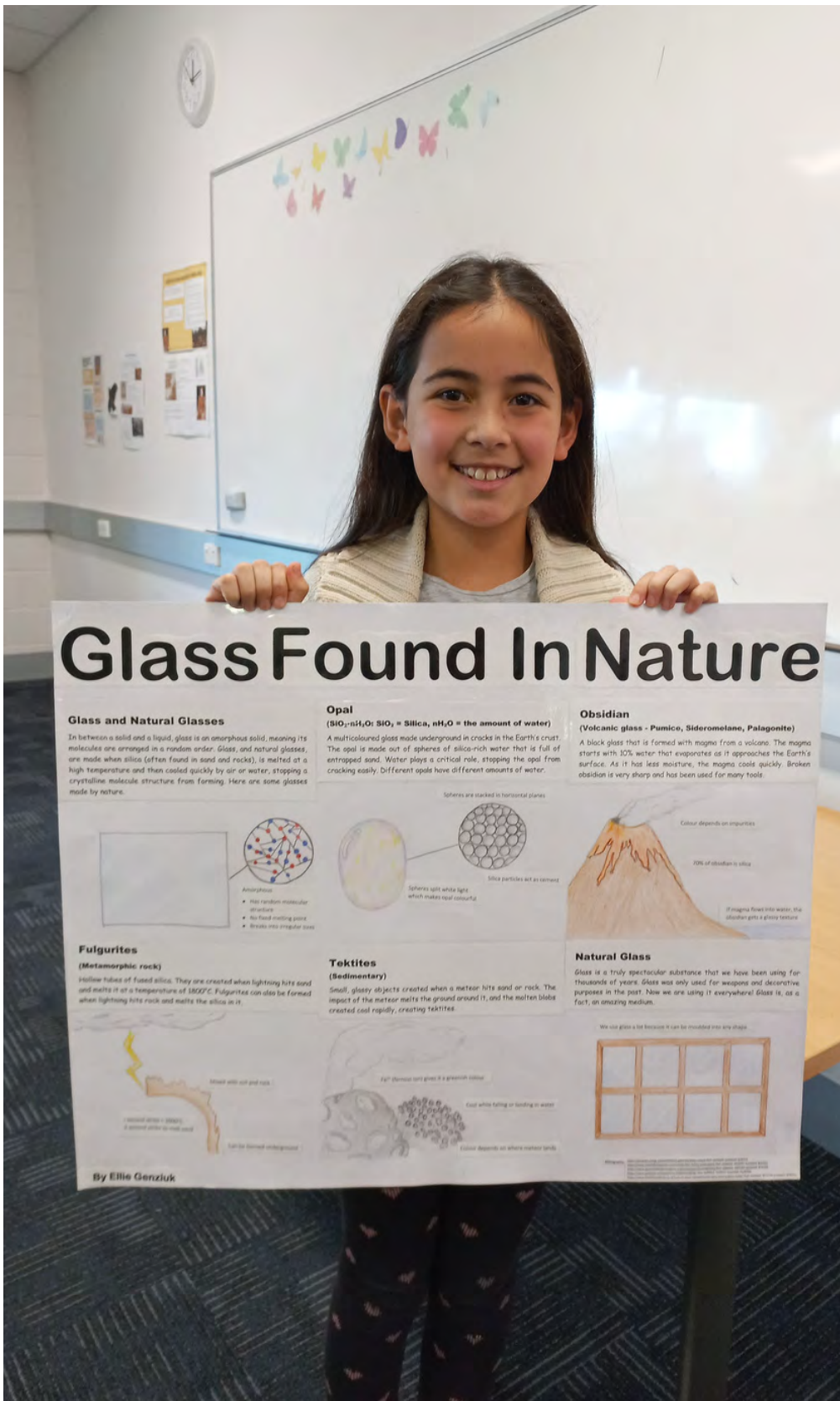
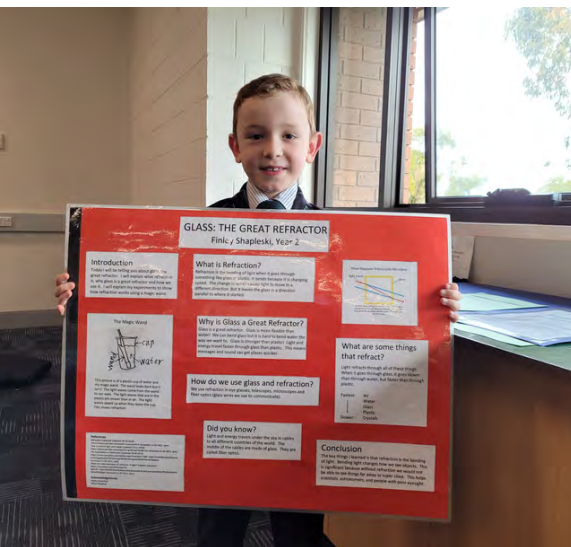


Joanne Phillips
Executive Director

STAV Publications







Glass Found In Nature

Glass and Natural Glasses
 In between a solid and a liquid, glass is an amorphous solid, meaning its molecules are arranged in a random order. Glass, and natural glasses, are made when silica (often found in sand and rocks), is melted at a high temperature and then cooled quickly by air or water, stopping a crystalline molecular structure from forming. Here are some glasses made by nature.

Opal
 (SiO₂-nH₂O; SiO₂ = Silica, nH₂O = the amount of water)
 A multicoloured glass made underground in cracks in the Earth's crust. The opal is made out of spheres of silica-rich water that is full of entrapped sand. Water plays a critical role, stopping the opal from cracking easily. Different opals have different amounts of water.

Obsidian
 (Volcanic glass - Pumice, Sideromelane, Patagonite)
 A block glass that is formed with magma from a volcano. The magma starts with 10% water that evaporates as it approaches the Earth's surface. As it has less moisture, the magma cools quickly. Broken obsidian is very sharp and has been used for many tools.

Fulgurites
 (Metamorphic rock)
 Hollow tubes of fused silica. They are created when lightning hits sand and melts it at a temperature of 1800°C. Fulgurites can also be formed when lightning hits rock and melts the silica in it.

Tektites
 (Sedimentary)
 Small, glassy objects created when a meteor hits sand or rock. The impact of the meteor melts the ground around it, and the molten blobs cooled rapidly, creating tektites.

Natural Glass
 Glass is a truly spectacular substance that we have been using for thousands of years. Glass was only used for weapons and decorative purposes in the past. Now we are using it everywhere! Glass is, as a fact, an amazing medium.

Diagrams:
 - Amorphous: No random molecular structure, No fixed melting point, Breaks into irregular pieces.
 - Opal: Spheres are stacked in horizontal planes, Spheres split white light which makes your colourful.
 - Obsidian: Colour depends on impurities, 10% of obsidian is silica, If magma flows into water, the aluminium gets a glassy texture.
 - Fulgurites: Shards with soft glass tips, Fused silica in sand, Fused silica in rock.
 - Tektites: Light obsidian can give it a greenish colour, Cool while falling or landing in water, Colour depends on where you're landing.
 - Natural Glass: We use glass a lot because it can be moulded into any shape.

By Ellie Genziuk

Treasurer's Report

In this report I discuss the following contexts in which STAV and Science Victoria are changing in order to meet the challenges inherent in operating in the volunteer education services economy.

1.0 An Uncertain Future: The Challenge of Teacher Shortage and School Vacancies

2.0 The Organisational Restructuring of STAV and Science Victoria

3.0 Changes to STAV and Science Victoria Post-COVID

4.0 The Financial Challenges of STAV and Science Victoria (2023-2020)

1.0 An Uncertain Future: The Challenge of Teacher Shortage and School Vacancies

1.1 Challenges to STAV and Science Victoria's support of Teachers of Science.

I suspect, the geopolitical uncertainty and the rising cost of services will over time impact STAV and Science Victoria's operations. In the near future, however, the emerging economic and social transformation, brought on by COVID-19 together with a sticky inflation rate and the upward trend in the interest rate, will shape STAV and Science Victoria's financial capacity to support teachers of science and the teaching of science in Victorian schools.

1.2 The National Teacher Workforce Action Plan and Recruitment Campaigns.

On Friday 12 August 2022, the new federal education minister Jason Clare convened a roundtable on teacher shortages in Australia, gathering all the state and territory education ministers. Also invited were teachers and principals representing the states and territories to discuss their experience of teaching particularly in the last few years.

The National Teacher Workforce Action Plan (December 2022), an initiative of federal, state and territory ministers of education, is funding recruitment campaigns to attract more teachers. Other initiatives being considered include: salary increases and sign-on bonuses; financial incentives for hard-to-staff positions; hiring more casual relief teachers; offering retention bonuses; fast-tracking pathways to teaching from other professions; retraining teachers as specialist; recruiting overseas teachers; using permission to teach programs which rely on approved but unregistered teachers; and relying on "out-of-field" teachers to fill vacancies.

I1.3 Teacher Associations and the National Teacher Workforce Action Plan.

I am assuming the National Teacher Workforce Action Plan will engage strategic partners in managing and implementing change. As the process of change moves through the education system, I suspect opportunities may emerge for STAV and Science Victoria to support teachers in schools. However, it is not clear that “teacher associations” would be identified as a strategic partner in the Action Plan. I am not aware of any teacher associations peak bodies such as ASTA (Australian Science Teachers Association) or APTA (Australian Professional Teachers Association) having a seat at the Education roundtable (September 2022) promoting the role of state and territory teacher associations in helping teachers remain in the classroom. I am aware that the roundtable received submissions from: The Universities as providers of initial teacher education; the State Government of Victoria having the responsibility for the regulation and delivery of school-based education; the State Government, the Catholic Education Office and the Independent Schools as the employers of teachers having the responsibility for wages and conditions. So, the specific challenges of teacher shortages, wages, conditions, respect, trust etc., in the first instance, may become the responsibility of government, unions, higher education, employers, etc. It is not readily apparent as to how volunteer teacher associations (like STAV) may have a role in helping “the fantastic teachers we already have remain in the classroom” (Jason Clare, August 2022).

2.0 The Organisational Restructuring of STAV and Science Victoria

2.1 Major Turning Points

- 2020: Business Process Review. In October, STAV and Science Victoria (SV) jointly commissioned Profits & Beyond Pty Ltd (PB) to review the business process of both organisations and to recommend possible areas of improvement.
- 2021: Interim Report Business Process Review. On March 15, PB issued an interim report comprising 14 Recommendations.
- 2022: By January, both STAV and Science Victoria had been restructured. (Recommendations 4-10). STAV as the Head Office is responsible for three business activities, Membership, STAV Publishing and STS, and shares one business activity with Science Victoria, Professional Learning/Project Management.
- In January 2022 Liz Billings was appointed Interim Executive Manager for both STAV and Science Victoria (Recommendation 13). In March, Council and the Board each approved the planning process methodology for the development of the STAV/SV Strategic Plan (2022-25). The Strategic Planning Day was held in July and the draft STAV/SV Strategic Plan was available for review in August.

The strategic plan is the basis on which the council and board allocate human, material and financial resources to the products and services STAV currently offers or intends to offer to members and potential members. Alexandra Abela, President of STAV launched the Strategic Plan at STAVCON 2022.

- 2023: Relationship between STAV and Science Victoria (Recommendations 1, 2 &3). In March, the STAV President sought legal advice on behalf of STAV and Science Victoria regarding possible options for a potential restructuring of the two entities. A draft memorandum on the structuring options for the implementation of the proposed “merger” was received on 12 July. The legal advice was tabled at both STAV Council and the SV Board for discussion...next steps.
- On 26 June 2023 Joanne Phillips began her induction in the role of STAV and Science Victoria’s Executive Director (Recommendation 13) to support a smooth transition prior to Liz Billing’s departure in August.

2.2 Employment Changes.

Since November 2020 to June 2023, collectively eighteen office staff/external contractors retired, resigned or were recruited in the areas of management, finance, administration, events, membership and communications, and desktop publishing. These changes have enabled STAV to restructure and recruit individuals with appropriate skills to engage with the challenges of a post pandemic economy.

2.3 Getting Governance Right.

The President of STAV has restructured the format of the Council Agenda which clearly delineates governance, management and operational responsibilities. At Council meetings, members discuss, among other matters: Financial probity and security; and compliance and risk.

When discussing the services and products that STAV provides to members and potential members, STAV Councillors are encouraged to ask questions and to express concern about what they believe may put STAV at risk in the future. What do they believe could disrupt our service delivery? What is on the horizon that could impact STAV’s financial sustainability? Councillors are encouraged to discuss what measures can be put in place to mitigate potential risk.

3.0 Changes to STAV and Science Victoria Post-COVID

3.1 Teacher Associations Pre-COVID.

Historically teacher associations and their membership have worked together to provide and support a range of professional learning services and resources. These not-for-profit associations relied on volunteers to organise and market their conferences and student activities and to

“author/write” trial exams, journals and newsletters. From 2000, these associations were expected to adopt “best practice” in running their association as a business. While volunteers were required to govern the association, professional staff were employed (subject to financial capacity) to manage the office: bookkeeping and accounting services, office administration, membership/marketing, etc. Many services were outsourced to other businesses, such as auditing of accounts, provision of IT and communication services, printing, etc. Teacher associations are not-for-profit organisations established to support the teaching practice of members and potential members. Some have strong balance sheets and can withstand periodic economic shocks. Most have modest balance sheets and are more susceptible to small economic shocks.

3.2 STAV/SV Fit-for-purpose in a Volunteer Education Services Economy. Volunteer teachers’ associations like STAV/SV are “not-for-profit” incorporated associations operating in the volunteer education services economy. They are not schools, universities or employers of practicing teachers. Nor are they unions working for the economic improvement of teachers’ salaries and conditions. The Science Teachers’ Association of Victoria (STAV) is a not-for-profit volunteer member association, whose education purpose is to support teachers of science and the teaching of school-based science subjects through the provision of professional learning programs and curriculum resources. As a not-for-profit organisation, STAV does not operate for the profit, personal gain or other benefit of its members, the councillors who run the organisation, or their friends or relatives. STAV can make a profit, but any profit it does make must be allocated towards its education purposes. Additionally, STAV can retain any profits it makes, as long as there is a genuine reason to do so, and that reason is clearly linked to its education purpose. STAV may retain profits to purchase property (STAV House), equipment (computers), or to finance a new project, new infrastructure, or to accumulate a reserve (members equity) so it remains sustainable.

In my opinion the COVID-19 lock down restrictions, which were in place in Victoria from March 2020 until October 2021, did contribute but are not the substantive reason for the decline in the business activity of STAV and Science Victoria.

The Business Process Review (Interim Report) and the Strategic Planning process collectively highlight the need for effective governance protocols and operational practices within and between STAV and Science Victoria. If STAV and Science Victoria are to remain meaningful to teachers throughout their careers then council and the board will need to continue building capacity to support teachers into the future. Council and the board will need new ideas to “transform” the organisation such that it is fit-for-purpose in a volunteer education services economy.

3.3 Growing and Engaging the Membership: STAV/SV has restructured its business activities and developed a new four-year strategic plan (2022-25). STAV/SV understands that longevity and sustainability as a teacher association is subject to a growing and engaged membership. In the past STAV/SV has depended upon in-person conferences and trial exams as the main source of income. The membership subscriptions are used to cover the cost of member services. Government and public grants are used to fund short-term programs. COVID-19 has dramatically shown the ability of STAV and Science Victoria to seek alternative income/revenue sources, and to pursue alternative suppliers of goods and services. Sometimes an online solution was required for the hosting of conferences or the Science Talent Search. Sometimes grant funding could enable STAV/SV to provide innovative professional learning for members. Sometimes STAV and Science Victoria needed to invest in people and/or digital technology to build capacity. If STAV and Science Victoria are to remain meaningful to teachers throughout their careers then council and the board will need to continue building capacity and offering services that align with members and potential members' work-life balance.

3.4 "Out-of-Field" Teachers of Science: Victoria's education sector is currently facing a critical challenge with a pronounced shortage of teachers. This crisis, highlighted by media across various platforms, has seen schools grappling to maintain their teaching workforce while striving to fill vacancies. The state's response, including appeals to thousands of registered, non-active teachers, reflects the urgency of this issue. In the meantime, schools are assigning teachers to classes they are not qualified to teach, with reports indicating STEM subjects will be among the worst affected by teaching out-of-field. STAV has a vital role to play in supporting teachers and building capacity across science subjects, and in this current environment this is critical. It is anticipated that further investment to develop and provide innovative professional learning opportunities to our community will be required in the financial years to come.

4.0 The Financial Challenges of STAV and Science Victoria (2023-2020)

Fiscal years 2020-2023 posed significant financial challenges for STAV and Science Victoria, marked by fluctuations in deficits and surpluses. In the financial year ending 30 June 2023, STAV reported a deficit of \$(28,869), in 2022, a deficit of \$(73,484), in 2021, a surplus of \$39,092, and in 2020, a deficit of \$(35,669). In the financial year ending 30 June 2023, Science Victoria reported a deficit of \$(303,980), in 2022, a deficit of \$(203,644), in 2021, a deficit of \$(156,234), and in 2020, a surplus of \$13,976. The surplus and subsequent deficits reflect the ongoing struggle to generate income during and after the COVID-19 pandemic "era".

At that time, STAV accessed both wage subsidy and business stimulus packages, offsetting the declining revenue during that time. In the 2023 financial year, STAV reported members' equity as \$930,926, in 2022 as \$959,795, in 2021 as \$1,033,279 and in 2020 as \$994,188. In the 2023 financial year, Science Victoria reported members' equity as \$1,087,185, in 2022 as \$1,391,166, in 2021 as \$1,594,809, and in 2020, as \$1,751,043. The members' equity refers to the Association's assets - the cash, equipment and the value of STAV House it owns on behalf of the members. The combined equity of STAV and Science Victoria in FY23 was \$2,018,111, in FY22 it was \$2,350,961, in FY21 the equity was \$ 2,628,088, and in FY20 it was \$2,745,231. This accounts for an overall change to the STAV/Science Victoria entity of approximately (\$727,120), during the past four financial years.

As we continue to evolve, our focus remains steadfast on supporting and enriching science education in Victoria. STAV and Science Victoria will need to continue building capacity and investing in resources to achieve this. Further consolidation of the business units will assist with ongoing operational efficiency, and it is envisaged that new revenue streams from the development of new resources, will assist the association to reduce its deficits.



Dr Robert Roe

STAV Treasurer

Audited Financial Statements

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.

ABN 59 004 145 329

**SPECIAL PURPOSE FINANCIAL REPORT
FOR THE YEAR ENDED 30 JUNE 2023**

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
SPECIAL PURPOSE FINANCIAL REPORT FOR THE YEAR ENDED 30 JUNE 2023

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SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
COMMITTEE'S REPORT

Your Councillors present the special purpose financial report on the association for the financial year ended 30 June 2023.

Councillors

The names of Councillors throughout the year and at the date of this report are:

President	Alexandra Abela	
Vice President	Amanda Peters	
Vice President	Dr Emily Rochette	
Treasurer	Dr Robert Roe	
Honorary 'Secretary	Dr Peta White	
Member	Dale Carroll	
Member	Sarah-Jane Chuck	
Member	Jodie Donaghy	
Member	Dr Rod Fawns	
Member	Denise Raven	
Member	Chris Wines	Appointed 9 February 2023
Member	Farah Deeba	Appointed 9 February 2023
Member	Michael Rosenbrock	Resigned 27 April 2023

Principal Activities

The principal activities of the association during the financial year were:

To provide leadership, support, services, programs and resources for all levels of science education. STAV represents the collective voice of all teachers of science in all matters relating to the teaching of science in Victoria, and through ASTA (the Australian Science Teachers Association) it represents these teachers at a national level.

The primary function of STAV Inc is to provide useful and accessible services to members.

Significant Changes

No significant changes in the nature of the association's activity occurred during the financial year.

Operating Results

The deficit for the year attributable to the association amounted to \$28,869 (2022: \$73,484 - deficit).

After Balance Date Events

There are no matters that continued to evolve since 30 June 2023 that has significantly affected, or may significantly affect:

- (a) the association's operations in future financial years, or
- (b) the results of those operations in future financial years, or
- (c) the association's state of affairs in future financial years.

Signed in accordance with a resolution of the Councillors.

President



Alexandra Abela

Treasurer



Dr Robert Roe

Dated this

Fourteenth day of December 2023

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 30 JUNE 2023

	2023 \$	2022 \$
INCOME		
Membership income	88,519	73,922
Trial Exam income	149,737	156,114
STS Entry Fees	20,107	-
Interest Received	339	19
Other Income	68,641	22,527
Contribution from Science Victoria	205,390	108,788
Grants	21,600	90,177
TOTAL INCOME	554,333	451,547
EXPENDITURE		
ASTA Affiliation	16,079	15,979
Bursary Awards and Expenses	42,633	-
Depreciation	34,968	14,500
Grants	5,525	79,477
IT Operation Expenses	31,981	35,352
Journals & Technical	20,489	3,768
Office Expenses	138,020	77,253
Remuneration Costs	200,380	200,828
Telephone	5,907	6,124
Trial Exam Costs	87,220	90,920
Other	-	830
TOTAL EXPENDITURE	583,202	525,031
NET SURPLUS/(DEFICIT) FOR THE YEAR	(28,869)	(73,484)

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED 30 JUNE 2023

	2023 \$	2022 \$
NET SURPLUS/(DEFICIT) FOR THE YEAR	(28,869)	(73,484)
Other Comprehensive Income for the Year	-	-
NET SURPLUS/(DEFICIT) ATTRIBUTABLE TO THE ASSOCIATION	(28,869)	(73,484)

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2023

	Note	2023 \$	2022 \$
CURRENT ASSETS			
Cash and Cash Equivalents	2	109,173	174,452
Trade and Other Receivables	3	89,866	45,817
TOTAL CURRENT ASSETS		<u>199,039</u>	<u>220,269</u>
NON-CURRENT ASSETS			
Property, Plant and Equipment	4	820,502	835,002
TOTAL NON-CURRENT ASSETS		<u>820,502</u>	<u>835,002</u>
TOTAL ASSETS		<u>1,019,541</u>	<u>1,055,271</u>
CURRENT LIABILITIES			
Trade and Other Payable	5	59,890	27,049
Employment Entitlement Provisions	6	11,475	24,418
Income Received in Advance		17,250	44,010
TOTAL CURRENT LIABILITIES		<u>88,615</u>	<u>95,476</u>
TOTAL LIABILITIES		<u>88,615</u>	<u>95,476</u>
NET ASSETS		<u>930,926</u>	<u>959,795</u>
EQUITY			
Accumulated funds		521,660	550,529
Asset revaluation reserve		409,266	409,266
		<u>930,926</u>	<u>959,795</u>

The Statement of Financial Position is to be read in conjunction with the independent audit report and the notes to the financial statements.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC
ABN 59 004 145 329
STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 30 JUNE 2023

	Accumulated funds \$	Asset Revaluation Reserve \$	Total \$
Balance as at 1 July 2021	624,013	409,266	1,033,279
Surplus/(deficit) attributable to the Association	(73,484)	-	(73,484)
Balance as at 30 June 2022	550,529	409,266	959,795
Surplus/(deficit) attributable to the Association	(28,869)	-	(28,869)
Balance as at 30 June 2023	521,660	409,266	930,926

The Statement of Changes in Equity is to be read in conjunction with the independent audit report and the notes to the financial statements.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 30 JUNE 2023

	Note	2023 \$	2022 \$
CASH FLOWS FROM OPERATING ACTIVITIES			
Receipts from customers and other income		467,880	429,414
Payments to suppliers and employees		(513,029)	(523,497)
Interest received		339	19
Net cash generated from/(used in) operating activities	7	<u>(44,811)</u>	<u>(94,064)</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Payments for property, plant and equipment		(20,468)	(24,190)
Net cash (used in)/provided by investing activities		<u>(20,468)</u>	<u>(24,190)</u>
Net increase/(decrease) in cash held		(65,279)	(118,254)
Cash and cash equivalents at beginning of financial year		174,452	292,706
Cash and cash equivalents at end of financial year	2	<u><u>109,173</u></u>	<u><u>174,452</u></u>

The Statement of Cash Flows is to be read in conjunction with the independent audit report and the notes to the financial statements.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

Note 1. Statement of Significant Accounting Policies

This financial report includes the financial statements and notes of Science Teachers' Association of Victoria Inc., an incorporated association, which is incorporated in Victoria under the Associations Incorporation Reform Act 2012.

Basis of preparation

This financial report is a special purpose financial report prepared in order to satisfy the financial reporting requirements of the Associations Incorporation Reform Act 2012 (Victoria). The Councillors have determined that the Association is not a reporting entity and also a not-for-profit association.

The financial report has been prepared on an accruals basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and financial liabilities.

The following is a summary of the material accounting policies adopted by the company in the preparation of the general purpose financial report. The accounting policies have been consistently applied, unless otherwise stated.

Accounting Policies

a. Property, Plant and Equipment

Each class of property, plant and equipment is carried at cost or fair value less, where applicable, any accumulated depreciation and impairment losses.

Plant and Equipment

Plant and Equipment are measured on the cost basis less depreciation and impairment losses.

The carrying amount of plant and equipment is reviewed annually by directors to ensure it is not in excess of the recoverable amount from these assets. The recoverable amount is assessed on the basis of the expected net cash flows that will be received from the assets' employment and subsequent disposal. The expected net cash flows have been discounted to their present values in determining recoverable amounts.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the company and the cost of the item can be measured reliably. All other repairs and maintenance are charged to the income statement during the financial period in which they are incurred.

Depreciation

The depreciable amount of all fixed assets are depreciated over the useful lives of the assets commencing from the time the asset is held ready for use.

The asset's residual values and useful lives are reviewed and adjusted, if appropriate, at each balance date.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the income statement.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

Note 1. Statement of Significant Accounting Policies (continued)

b. Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at-call with banks, other short-term highly liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities on the balance sheet.

c. Revenue

Revenue is measured at the fair value of the consideration received or receivable.

AASB 15 Revenue from Contracts with Customers and AASB 1058 Income of Not-for-Profit Entities

The Association has elected to apply Australian Accounting Standards AASB 15 and AASB 1058.

AASB 15 involves the use of a five-step recognition model for recognising revenue, the steps are:

- Step 1 – Identify the contract with the customer
- Step 2 – Identify the sufficiently specific performance obligations to be satisfied
- Step 3 – Measure the expected consideration
- Step 4 – Allocate that consideration to each of the performance obligations in the contract
- Step 5 – Recognise revenue

AASB 1058 measures income by reference to the fair value of the asset received. The asset received, which could be a financial or non-financial asset, is initially measured at fair value when the consideration paid for the asset is significantly less than fair value, and that difference is principally to enable the entity to further its objectives. Otherwise, assets acquired are recognised at cost.

Where the asset has been measured at fair value, AASB 1058 requires that elements of other Accounting Standards are identified before accounting for the residual component. These standards are:

- AASB 15 Revenue from Contracts with Customers
- AASB 16 Leases
- AASB 1004 Contributions
- AASB 137 Provisions, Contingent Liabilities & Contingent Assets
- AASB 9 Financial Instruments

Interest revenue is recognised on a proportional basis taking into account the interest rates applicable to the financial assets.

Revenue from the rendering of a service is recognised upon the delivery of the service to the customers.

All revenue is stated net of the amount of goods and services tax (GST).

d. Income Tax

By virtue of its aims as set out in the constitution, the Association self assess as an Association specifically exempt from income tax under the Income Tax Assessment Act 1997.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

Note 1. Statement of Significant Accounting Policies (continued)

e. Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office. In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of expense. Receivables and payables in the Balance Sheet are shown inclusive of GST.

f. Employment Entitlements

Provision is made for the Association's liability for employee benefits arising from services rendered by employees to balance date. Employee benefits that are expected to be settled within one year have been measured at the amount expected to be paid when the liability is settled.

Contributions are made by the Association to employee superannuation fund and are charged as expenses when incurred.

g. Provisions

Provisions are recognised when the Association has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

	2023 \$	2022 \$
Note 2. Cash and Cash Equivalents		
Cash on hand	447	469
Cash at Bank	108,726	173,983
	<u>109,173</u>	<u>174,452</u>
Reconciliation of cash		
Cash at the end of the financial year as shown in the cash flow statement is reconciled to items in the balance sheet as follows:		
Cash and cash equivalents	109,173	174,452
	<u>109,173</u>	<u>174,452</u>
Note 3. Trade and Other Receivables		
Accounts Receivable	87,571	28,217
Provision for Doubtful Debts	(16,222)	-
Prepayments	18,517	17,601
	<u>89,866</u>	<u>45,817</u>
Note 4. Property, Plant and Equipment		
Land & Buildings - at valuation	1,150,000	1,150,000
5 Munro Street Coburg		
Less accumulated depreciation	(329,498)	(314,998)
	<u>820,502</u>	<u>835,002</u>
Furniture and Equipment		
At cost	46,118	25,650
Accumulated depreciation	(46,118)	(25,650)
	<u>-</u>	<u>-</u>
Total Property, Plant and Equipment	<u>820,502</u>	<u>835,002</u>
Note 5. Accounts Payable and Other Liabilities		
Current - unsecured		
Accounts payable	46,761	18,635
Accrued expenses	6,780	970
GST liability/(asset)	1,271	(3,740)
Other payables	(1,463)	6,377
PAYG Withholding payable	2,944	4,072
Superannuation payable	3,597	735
	<u>59,890</u>	<u>27,049</u>
Financial liabilities at amortised cost classified as trade and other		
Trade and other payables		
- Total current	59,890	27,049
- Total non-current	-	-
	<u>59,890</u>	<u>27,049</u>

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2023

Note 6. Employment Entitlement Provisions

Current

Provision for annual leave	8,736	11,490
Provision for long service leave	2,739	12,928
	<u>11,475</u>	<u>24,418</u>

Note 7. Cash Flow Information

Reconciliation of Cash Flow from Operations with Surplus/ (Deficit)

Operating surplus/(deficit)	(28,869)	(73,484)
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Non-cash flows in profit

Depreciation	14,500	14,500
Instant asset write off	20,468	24,190
Doubtful debts	16,222	-

Changes in assets and liabilities

(Increase)/decrease in trade debtors and other receivables	(59,354)	(22,114)
(Increase)/decrease in prepayments and other assets	(916)	-
Increase/(decrease) in trade and other payables	32,841	(41,418)
Increase/(decrease) in income received in advance	(26,760)	-
Increase/(decrease) in employee entitlements	(12,943)	4,262

Cash flow from operations	<u>(44,811)</u>	<u>(94,064)</u>
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Note 8. Related Party Transactions

The Committee Members act in an honorary capacity and are not paid for their services as Committee Members.

There were no transactions with related parties during the 2023 year.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
STATEMENT BY MEMBERS OF THE COMMITTEE

The Committee has determined that the association is not a reporting entity and that this special purpose financial report should be prepared in accordance with the accounting policies outlined in Note 1 to the financial statements.

In the opinion of the Committee, the financial report as set out on pages 2 to 10, satisfies the requirements of the Victorian Incorporations Associations Reform Act 2012 and:

- 1 a. complies with Australian Accounting Standards applicable to the association; and
b. gives a true and fair view of the financial position of Science Teachers' Association of Victoria Inc. as at 30 June 2023 and its
- 2 At the date of this statement, there are reasonable grounds to believe that Science Teachers' Association of Victoria Inc. will be able to pay its debts as and when they fall due.

This statement is made in accordance with a resolution of the Committee and is signed for and on behalf of the Committee by:

President



Alexandra Abela

Treasurer



Dr Robert Roe

Dated this

Fourteenth day of December 2023

TOWARDS A VISION SHARED



Collins & Co Audit Pty Ltd

127 Paisley Street
Footscray VIC 3011
Australia

Phone (03) 9680 1000
Fax (03) 9689 6605

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INDEPENDENT REVIEWER'S INDEPENDENCE DECLARATION SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC ABN 59 004 145 329

I declare that to the best of my knowledge and belief, in relation to the review for the financial year ended 30 June 2023 there have been:

- i. No contraventions of the auditor independence requirements of the Professional Accounting Standard Boards in relation to the review; and
- ii. No contravention of any applicable code of professional conduct in relation to the review.

Frederik Ryk Ludolf Eksteen CA
ASIC Auditor Registration Number 421448

Collins & Co Audit Pty Ltd
127 Paisley Street
FOOTSCRAY VIC 3011

Dated this 24th day of November 2023



Independent Reviewer's Review Report
To the Members of Science Teachers' Association of Victoria Inc

Report on the Financial Report

I have reviewed the accompanying financial report of Science Teachers' Association of Victoria Inc, which comprises the statement of financial position as at 30 June 2023, the statement of comprehensive income, statement of changes in equity and statement of cash flows for the financial year ended on that date, notes comprising a summary of significant accounting policies and other explanatory information, and the Committee Members' declaration.

Committee Members' Responsibility for the Financial Report

The Committee Members of the Association are responsible for the preparation of the financial report that gives a true and fair view in accordance with the Australian Accounting Standards, the Associations Incorporation Reform Act 2012 (Victoria) and for such internal control as the Committee Members determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

Independent Reviewer's Responsibility

My responsibility is to express a conclusion on the financial report based on my review. I conducted our review in accordance with Auditing Standard on Review Engagements ASRE 2400 *Review of a Financial Report Performed by an Assurance Practitioner Who is Not the Auditor of the Entity*, in order to state whether, on the basis of the procedures described, I have become aware of any matter that makes me believe that the financial report is not in accordance with the Associations Incorporation Reform Act 2012 (Victoria) including: giving a true and fair view of the Association's financial position as at 30 June 2023 and its performance for the period ended on that date; and complying with the Australian Accounting Standards. ASRE 2400 requires that I comply with the ethical requirements relevant to the review of the financial report.

A review of a financial report consists of making enquiries, primarily of persons responsible for financial and accounting matters and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Australian Auditing Standards and consequently does not enable us to obtain assurance that I would become aware of all significant matters that might be identified in an audit. Accordingly, I do not express an audit opinion.

Independence

In conducting my review, I have complied with the independence requirements of the Professional Accounting Standard Boards I confirm that the independence declaration required by the Professional Accounting Standard Boards, which has been given to the Committee Members of the Association, would be in the same terms if given to the Committee Members as at the time of this independent reviewer's report.



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Conclusion

Based on my review, which is not an audit, I have not become aware of any matter that makes us believe that the financial report of Science Teachers' Association of Victoria Inc is not in accordance with the Associations Incorporation Reform Act 2012 (Victoria) including:

- a) giving a true and fair view of the Association's financial position as at 30 June 2023 and of its performance for the period ended on that date; and
- b) complying with Australian Accounting Standards.

Auditor: Frederik Ryk Ludolf Eksteen

ASIC Registration Number: 421448

Address: Collins & Co Audit Pty Ltd, 127 Paisley Street, FOOTSCRAY VIC 3011

Signature:

Date: 24 November 2023

**SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC.
ABN 59 004 145 329
CERTIFICATE BY MEMBERS OF THE COMMITTEE**

I, Alexandra Abela & I, Dr Robert Roe certify that:

- (a) We are members of the Committee of Management of Science Teachers' Association of Victoria Inc.
- (b) We attended the annual general meeting of the Association held on 9 February 2024.
- (c) We are authorised by the attached resolution of the Committee to sign this certificate.
- (d) This annual statement was submitted to the members of the Association at its annual general meeting.

President

Alexandra Abela

Treasurer

Dr Robert Roe

Dated this

day of



**CELEBRATING
80 YEARS**
OF THE SCIENCE TEACHERS
ASSOCIATION OF VICTORIA

A Year in Review











Our Partners and Sponsors

Our heartfelt thanks to all of our sponsors and partners for their support and commitment. Their contributions have been instrumental in driving our mission forward and we look forward to continuing our journey together in the years to come:

- Australian Catholic University
- Australian Skeptics
- Australian Society for Biochemistry and Molecular Biology
- Anzuk Education
- Bank First
- BioBrain Learning
- Biology Teachers' Network Inc.
- Biozone Learning Media Australia
- Cambridge University Press
- Chemistry Education Association
- Deakin University
- Department of Education
- Don & Robyn Hyatt
- Edrolo
- Electric Energy Society of Australia Inc.
- Entomological Society of Victoria Inc.
- Engineers Australia
- Humanists Victoria
- In Memory of Eileen Goodfield and Dorothy Dalton
- Jacaranda, John Wiley & Sons
- Ken Greatorex
- La Trobe University
- Latitude Group Travel
- Learning Materials
- Matilda Education
- Melbourne Archdiocese Catholic Schools
- Methodist Ladies' College
- Minerals Council of Australia (Victorian Division)
- Monash University
- MTA - Modern Teaching Aids
- Museums Victoria
- National Youth Science Forum
- Neap Education
- Nelson Cengage
- Newbyte Educational Software
- Oxford University Press
- Parade College
- Pearson Australia
- Quantum Victoria
- Questacon
- Rowe Scientific
- Royal Australian Chemical Institute (RACI), Victorian Branch
- Sidereal Trading Pty Ltd
- Stile Education
- Swinburne University of Technology
- The Institution of Engineering and Technology
- The Field Naturalists Club of Victoria
- The Royal Society of Victoria
- Toyota Community Foundation
- University of Melbourne
- Victoria University
- Victorian Academy of Teaching and Leadership
- Volkscience
- WEHI The Walter and Eliza Hall Institute of Medical Research
- World Challenge
- WorldStrides
- Yakult Australia



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**Science Teachers Association
of Victoria**

