

WE ARE

STARS
ALIGN

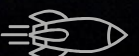
stars-align.org

STARS ALIGN ACADEMY



17 GOALS – 1 MISSION

Building a world united by knowledge and creativity with
our mission rooted in the Sustainable Development Goals
and the 2030 agenda



Why Stars Align Matters

The **Stars Align** STEAM Toolkit for the Future is an educational program developed in collaboration with the global education community, designed to empower students to engage with the **17 United Nations Sustainable Development Goals (UN SDGs)** through creativity, technology, and design thinking. By addressing local, state, national, or global issues, the program inspires learners to make meaningful contributions to their communities and beyond.

The UN SDGs are Critical for Our World

Stars Align prepares students for a rapidly changing world by blending technical skills with collaborative thinking, creativity, empathy, and social responsibility. By engaging with the program, learners develop:

- **Global Citizenship**
An understanding of the interconnectedness of the UN SDGs and their role in solving a global challenge and fostering a sustainable future together.
- **Critical Thinking**
The ability to analyze complex problems and develop innovative, practical solutions.
- **Collaborative Skills**
Teamwork across cultural and disciplinary boundaries through global projects.
- **Creative Expression**
Opportunities to use music and the creative arts to inspire change and connect communities.

Leveraging local resources, partnerships, AI, space technologies, creative arts, Indigenous People's knowledge and empathy, **Stars Align** is structured around three key components:

Song Composition: A Global Anthem of Hope

Stars Align tells the story about hope. Through a verse challenge our story connects sound, youths and the global community as a whole with artists around the world leading to the formal composition, recording, production of the **Global Anthem of Hope**, performed on **22 April 2025** on **World Earth Day** with artists in **multi-venue live events** held and **broadcast around the world**. This unique component fosters global unity, creativity, and empathy through music.

Code for our Future: Technology Meets Sustainability

The [Code for our Future](#) challenges students to apply artificial intelligence to address specific UN SDGs. By leveraging cutting-edge technology, participants develop innovative solutions to pressing challenges such as climate change, poverty, and inequality. This competition emphasizes **the transformative potential of AI** to drive positive change and encourages students to think critically about the ethical implications of their solutions.

STEAM Toolkit for the Future: Problem-Solving through Design Thinking

At the heart of **Stars Align** is a robust STEAM (Science, Technology, Engineering, Arts, and Mathematics) curriculum toolkit which is:

- Designed for learners in a broad range of age groups
- Modular content where users can choose the tools that suit their needs
- Supported by teacher resources and scaffolds for sequential learning
- Linked with lives streamed webinars with renowned subject matter experts from around the world run by the **Centre for Interactive Learning & Collaboration, Shared Studios, Clickview, Interstellar Foundation** and **Virtual Excursions Australia**.

Students utilize a structured design thinking process to ideate, prototype, and evaluate solutions to real-world problems. The process includes:

- **Understanding Problems**
Students define needs through methods like mind mapping, design briefs, and project proposals while establishing success criteria.
- **Scoping the Project**
Participants identify constraints, set parameters, and outline resources, budgets, and timelines.
- **Generating Ideas**
Techniques such as brainstorming, mind mapping, and rapid ideation encourage divergent thinking cross class, cross community and cross country.
- **Designing Solutions**
Tools like algorithms, flowcharts, and CAD drawings help students plan and synthesize ideas.
- **Prototyping**
Learners build models and simulations to test their ideas.
- **Evaluating and Iterating**
Students analyze data, seek feedback, and refine their designs to improve outcomes.
- **Communicating Solutions**

We also challenge students and teachers to **collaborate across schools, communities, or even nations**, leveraging the power of teamwork to solve global challenges creatively.

Working across regions allows diverse ideas, cultural insights, and skills to converge, enhancing the impact of STEAM projects to solve the UN SDGs.

If students choose to **submit their solutions to the STEAM challenge**, those that demonstrate **cross-national collaboration** will receive extra points. We encourage students to connect with peers, exchange knowledge across borders, and build innovative solutions that **reflect global perspectives and teamwork**, embodying the true spirit of STEAM for the benefit of all communities.

The **Stars Align Toolkit for the Future** provides a comprehensive, multidisciplinary framework that empowers students of all ages to address critical global challenges. By combining creative arts, AI, and design thinking, this program cultivates the skills and mindsets needed to shape a better future for all.

The iSTEM design Thinking process was developed by the NSW Department of Education through the STEM Industry School Partnerships Program. This curriculum integrates AI, science, and the creative arts, addressing the **17 United Nations Sustainable Development Goals**.

How to Get Involved

Our program is currently in the Global Consultation Phase. Join us!

We know that every nation, state, province and similar around the world has different curriculums. Your input and ownership ensure children anywhere in the world feel empowered by a future that has the potential to offer equal opportunity, a better life and a better planet.

Join our global consultation here: [Expression of Interest](#)

The pilot rollout begins in **February 2025**, and we seek further support on regional level whilst we are seeking to stan this up through **UNESCO**.



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