

# INTERNATIONAL SCIENCE SCHOOLS NETWORK

## APPLICATION TO UPGRADE MEMBERSHIP (EXISTING MEMBER SCHOOLS)



*Engaging students in the wonders of science, mathematics and technologies*

### Background

The International Science Schools Network was formally launched in August 2014 in Moscow, Russia, and the 11<sup>th</sup> staging of the International Students Science Fair. This annual event has been co-ordinated by a global collective of specialist science secondary schools who agreed in 2005 to collaborate for the benefit of their own students, as well as promoting the importance of science and STEM (Science Technology Engineering Mathematics) education in their own countries and internationally. The schools have recognised that high quality education and innovation in STEM hold an important key to the successful and sustainable future of our countries and our planet, and that international collaboration will provide a platform which will enable all of our students to work towards this goal. The schools decided to join in support of excellence in science education on a global scale, and hence voted unanimously for the formation of this new network, the **International Science Schools Network (ISSN)**, whose logo appears at the top of this document.

Any school wishing to upgrade their membership must be able to clearly demonstrate they align with the mission of the ISSN, and will continue to uphold its values, and support the achievement of its goals.

### Application Process

Schools wishing to upgrade their existing ISSN membership must complete each of the following sections, and are welcome to attach any documents in support of their case as they can. The application should then be forwarded to Mr. Peter Corkill, the Principal of the John Monash Science School, one of six schools currently on the Executive Working Group of the ISSN, and responsible for membership applications to and within the ISSN.

The relevant email is: [peter.corkill@jmss.vic.edu.au](mailto:peter.corkill@jmss.vic.edu.au)

Name of School: \_\_\_\_\_

Address of School: \_\_\_\_\_

Phone number of school: \_\_\_\_\_

Email of school: \_\_\_\_\_

Name of ISSN Co-ordinator: \_\_\_\_\_

Name and Position of person completing this application: \_\_\_\_\_

Current membership Level: \_\_\_\_\_

Membership Level Sought: \_\_\_\_\_

#### Section One: Mission

*The mission of the International Science Schools Network, via its collective capacity, is to:*

- *facilitate leading-edge interaction and collaboration for secondary students in Science, Technologies, Engineering and Mathematics (STEM);*
- *build collaboration in Science, Technologies, Engineering and Mathematics education between students, enabling them to share their ideas and projects, and solve problems together;*
- *build professional capacity and collaboration between teachers and Principals by enabling them to share their experiences in and approaches to teaching and learning, and educational leadership.*

In 200 words or less, explain how your school has contributed to the ISSN achieving its mission, in your time as a member to date.

#### Section Two: Values

***The Values of the International Science Schools Network are:***

- ***RESPECT: for the cultural diversity, values, traditions, beliefs and expertise brought to the ISSN by each member school;***
- ***COLLABORATION: in good faith, with all partner schools, we share our expertise, ideas and, where appropriate, resources, for the benefit of all our students and the promotion of excellence in science awareness and education more globally;***

- **SUPPORT AND INCLUSION:** *for and of each member school and their staff and students, to allow opportunities which might otherwise be inaccessible, independent of culture, religion, gender or physical disability;*
- **SENSE OF COMMUNITY:** *built to allow us to have a reasoned and credible voice for the purpose of the continued advancement of science and science education across the world.*

*The International Science Schools Network holds the strongest expectation that all member schools will demonstrate and uphold these values in all dealings with each other and in all interactions involving staff and students from ISSN member schools.*

In 300 words or less, explain how your school currently demonstrates or exemplifies these values in its current practice.

### Section Three: Goals

*The goals of the International Science Schools Network are to:*

- 3.1 Engage students with an understanding of the significant global issues in science;*
- 3.2 Empower students to meet significant social challenges from the perspective of global scientific collaboration;*
- 3.3 Enable students to explore science as human endeavour;*
- 3.4 Inspire students to take action to address the important global issues of our time;*
- 3.5 Build a global community of young scientists empowered to use their scientific knowledge and understanding in a purposeful and ethical manner;*
- 3.6 Prepare young people to be the future science leaders of our world;*
- 3.7 Connect young scientists with leading science researchers and practitioners around the world;*
- 3.8 Model the way real scientists work in the global community;*
- 3.9 Promote inclusive STEM education by supporting schools to participate in the work of the International Science Schools Network, in partnership with appropriate organisations.*

In 200 words or less, explain how your school would continue to contribute to the ISSN achieving its goals.

#### Section Four: Specialism In Science Education

In 300 words or less, explain how your school has a demonstrable specialism in the teaching of science, mathematics and technologies. You may provide any documentary evidence by way of attachments which will support your case.

#### Section Five: High Academic Performance

In 300 words or less, you need to demonstrate that your school performs highly in the domains of science, mathematics and technologies. You may do this by choosing three or more of the following:

- your school's high profile in their state or national jurisdiction in Science and STEM education;
- your school's success in connecting students to STEM pathways;
- your school's success in connecting students to STEM pathways;
- your school's commitment to building capacity in Science and STEM education;
- your school's commitment to outreach provision in Science and STEM education;
- your school's recognition of high performance, or specialist accreditation, awarded by state, national or international authorities;
- the academic success of your school's graduating classes.

## Section Six: Good Citizenship

In 300 words or less, you need to demonstrate how your school has been a 'good citizen' of the ISSN. This should include consideration of the following:

- the behaviour of your students at any ISSF or other ISSN event your school has attended;
- the standard of student work in the projects presented at any ISSF or other ISSN event your school has attended;
- the engagement of your teachers with the programs offered at any ISSF or other ISSN event your school has attended;
- your school's timely attention to any payment deadlines;
- your school's timely communication with the ISSN administration and provision of information when appropriate, including the appointment of an ISSN Co-ordinator who will become the communication conduit for all ISSN matters;
- details of any other exchanges or visits with ISSN schools your school has contributed to.

**For Office Use Only**

**Selection Criteria**

<b>Element</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>
Commitment to and alignment with Mission	Outstanding	Good	Satisfactory	Not shown
Commitment to and alignment with Values	Outstanding	Good	Satisfactory	Not shown
Commitment to and alignment with Goals	Outstanding	Good	Satisfactory	Not shown
Science Specialism Criterion	Outstanding	Good	Satisfactory	Not shown
High Performance Criterion	Outstanding	Good	Satisfactory	Not shown
Good Citizenship Criterion	Outstanding	Good	Satisfactory	Not shown

**Overall Application Comments:**

**Approved or Disapproved:**

**Feedback to School:**

***Reviewed by:***

***School:***

***Date:***

Please submit to John Monash Science School via email: [peter.corkill@jmss.vic.edu.au](mailto:peter.corkill@jmss.vic.edu.au)