Inquiry-based science education is essential for forming critical thinking to build and sustain peaceful, knowledge-based societies. Lasting peace may only be achieved in our world when scientific knowledge is more equitably produced and shared, when science and evidence-based thinking are supported and empowered in all societies, when diversity is cherished as a vital factor in science and research, and when the universal right to science is promoted and enshrined in regional and global fora.
Structure

IAP
InterAcademy Partnership

Regional Networks
Asia/Pacific (AASSA)  Europe (EASAC)  Americas (IANAS)  Africa (NASAC)

~ 140 Member Academies
Membership

140 national, regional and global academies

Strategic Priorities (2019-2021)

• Build the capacity of, and empower, regional networks of academies and their national members.
• Empower academies and regional academy networks to provide independent, evidence-based, authoritative advice on global, regional and national issues.
• Promote the importance of science in research, education, and literacy.
• Build IAP as a progressive and more resilient global academies network.
Strategic Priorities (2019-2021)

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Strategic Priority 2: Empower academies and regional academy networks to provide independent, evidence-based, authoritative advice on global, regional and national issues.

Reports – Major outputs that may take 2-3 years to develop. Work processes and writing led by a committee of experts nominated by IAP member academies.
Strategic Priority 2: Empower academies and regional academy networks to provide independent, evidence-based, authoritative advice on global, regional and national issues.

Statements – Short (4-page) documents that provide a synthesis the latest research findings on topical issues and provide advice and recommendations to policy-makers. Endorsed by majority of member academies.

Released at the ‘One Planet Summit’ held under the auspices of the President of France, Emmanuel Macron in Paris, France, December 2017.

Office for Climate Education:
- Founded March 2018
- Spin-off of La main à la pâte (LAMAP)
- Headquarters in Paris
  www.oce.global
Strategic Priorities (2019-2021)

- Build the capacity of, and empower, regional networks of academies and their national members.
- Empower academies and regional academy networks to provide independent, evidence-based, authoritative advice on global, regional and national issues.
- Promote the importance of science in research, education and literacy.
- Build IAP as a progressive and more resilient global academies network.

Science Education Programme

- Active since 2003.
- Promotes inquiry-based science education (IBSE).
- Also active in science literacy.

www.interacademies.org/38392/ScienceEducationandScienceLiteracy
• **Strategic Priority 3:** Promote the importance of science in research, education and literacy.

International Forum on Science Education, Beijing, China, July 2017.


Rama IX Museum of NSM
• **Strategic Priority 3**: Promote the importance of science in research, education, and literacy.

Developed by Smithsonian Science Education Center in partnership with IAP.
• First of a series of planned modules ‘Science education for Global Goals.’
• Launched in May 2018 in English and Spanish. Additional languages to follow.

Malawi: implementation of ‘Mosquito!’ with 400 orphaned students at the Jacaranda School.

Panama: Launch event with 45 teachers and their 1,600 students. Now being followed by 2,200 students across the nation. Also: Australia, Kenya, Puerto Rico, and Thailand.

• Strategic Priority 3: Promote the importance of science in research, education, and literacy.

Science Education Programme (IAP SEP)

Africa-Mediterranean-European Academies for Science Education (AEMASE) - with ALLEA.

AEMASE III conference
Paris - October 2017
Agreement to work towards establishing ‘Centres for Education in Science in the Africa-Mediterranean-European’ region (CESAME). Proposals from 6 African countries plus ICTP, Italy.
• **Strategic Priority 3**: Promote the importance of science in research, education and literacy.

Strategic Priority 3: Promote the importance of science in research, education, and literacy

Meeting students using mobile biotechnology labs. Santiago, Chile

Meeting students practicing IBSE. Kuala Lumpur, Malaysia.
Thank you!

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