

**MASHAV - Israel's Agency for International
Development Cooperation**

with

The MASHAV Educational Training Center

Is inviting professionals
to participate in the

Online Course:

**MATHEMATICS WITH A
HUMANISTIC APPROACH**

5 meetings, once a week

Between 28 June - 26 July, 2021



STATE OF ISRAEL



About

"If we knew what it was we were doing, it would not be called research, would it? "

Albert Einstein

Due to the pandemic, learning mathematics requires urgent changes. Its instruction must be more equitable, so it is essential to plan educational models that observe social, emotional, and academic differences in students, affecting their learning.

Mathematics with a humanistic approach is altering the nature of the teaching and learning environment that makes the learning situation meaningful and relevant to the people involved in it, and as a reconstruction of the curriculum and discipline of mathematics itself

This application changes the pedagogical approach, and the culture of the math lesson so that the personal characteristics of the student and the teachers are taken into account in the teaching plan. It means that there must be clear goals and methodologies that involve what is accessible, valuable, and interesting to humans in mathematics. The "who are we teaching" is no less important than the "what are we teaching."

The curricular operation must be carried out to expose the substantial relationships between mathematics, science, arts, geography, language, etc. This operation will prepare and organize topics related to the mysterious and the obvious in the relationship between mathematics and other disciplines.

In its document "The future of education in 2030" the OECD defined the mathematical skills necessary to introduce in schools that prepare students for the future. In this context, competencies involved in developing skills for meaningful, creative learning are combined with critical thinking, these being the challenges of the 21st century in education.

The course will allow the participants to develop the capability of identifying and categorizing the acquisition of interdisciplinary redesign learning in teams, outlining innovative learning schemes and design in the study plans.

Goals

- * Create different mathematical activities in the classroom in correlation with the student's personal learning characteristics.
- Develop supportive situations that lead to a renewing attitude of teachers and students concerning mathematics education.
- Provide tools for education relevant to current changes
- Address and work on skills and changes in educational systems

Audience

Educators from around the world, interested in acquiring skills to address the current challenges of learning Mathematics in the new educational reality. School Principals, Educational Program Coordinators, Teacher Trainers, Lead Teachers

Course structure

Meetings	Date	Time	Duration	Tópicos Principales
1	28.6	11:00-13:00	2.00	Effective teaching practice and active pedagogical modeling.
2	5.7	11:00-13:00	2.00	How to become a pedagogical architect in 20 minutes. The effect of differential planning on the success of mathematics teaching.
3	12.7	11:00-13:00	2.00	The use of materials in classes and teaching units. The analysis of the curriculum and its transformation into enjoyable and interesting experiences.
4	19.7	11:00-13:00	2.00	Evaluation is a mechanism for identifying difficulties oriented towards actions that allow the provision of the necessary conditions for learning.
5	26.7	11:00-13:00	2.00	Summary

The webinar will comprise of five meetings two hours each, between **11:00- 13:00 Israel Time**. Each meeting may include various activities, such as lectures, presentations, discussions, and group work.

***The course is accompanied by a Learning Management System, where tasks and material will be shared between meetings.**

***Participants will have to create a G-mail account.**

Application:

Those interested are invited to complete the attached form and submit it via the nearest Israeli Embassy by **7.6.2021**

About MASHAV

MASHAV - Israel's Agency for International Development Cooperation is dedicated to providing developing countries with the best of Israel's experience in development and planning. As a member of the family of nations, The State of Israel is committed to fulfilling its responsibility to contribute to the fight against poverty and to the global efforts to achieve sustainable development. MASHAV, representing Israel and its people, focuses its efforts on capacity building, sharing relevant expertise accumulated during Israel's own development experience to empower governments, communities, and individuals to improve their own lives.

MASHAV's approach is to ensure social, economic and environmentally sustainable development, and it is taking an active part in the international community's process of shaping the Post-2015 Agenda, to define the new set of the global Sustainable Development Goals (SDGs).

MASHAV's activities focus primarily on areas in which Israel has a competitive advantage, including agriculture and rural development; water resources management; entrepreneurship and innovation; community development; medicine and public health, empowerment of women and education. Professional programs are based on a "train the trainers" approach to institutional and human capacity building and are conducted both in Israel and abroad. Project development is supported by the seconding of short and long-term experts, as well as on-site interventions. Since its establishment, MASHAV has promoted the centrality of human resource enrichment and institutional capacity building in the development process - an approach which has attained global consensus.

<http://mashav.mfa.gov.il> <https://www.facebook.com/MASHAVisrael>

About the A. Ofri International Training Center

The A. Ofri International Training Center was established in 1989 as a professional extension of MASHAV - Israel's Agency for International Development Cooperation. The activities are targeted to meet the Millennium Development Sustainable Goals-SDGS set by the United Nations to be fulfilled by the year 2030.

The Center's vision is that education is the starting point for a person to build himself/herself, a gate to new possibilities. Education is the key to a better future and shields against physical harm and confronts moral dilemmas. Education enables us to ask for proper healthcare when needed, and the way to stay healthy and adopt responsible behavior with our bodies. Education is sharing, learning, and growing up together with others. Through education we can learn to take better care of our world, treat it respectfully and use wisely the resources it offers us. Education concerns itself with learning at all levels, from elementary and secondary

school through adult education, and provides knowledge and training for basic skills development, civic awareness, community education, education for special populations, treatment for youth (Including those at risk), youth integration, youth leadership, education for health and the prevention of drugs abuse.

Since its inception, the A. Ofri Center has trained thousands of professionals from countries throughout the world. The Center cooperates with senior staff in the Israeli Ministry of Education, academic experts, governmental organizations, and non-governmental organizations. In addition, it communicates and cooperates with key international organizations such as UNESCO, OECD, USAID, UNODC, OAS, IOM and the World Bank. In adopting the UN's Millennium Development Goals, the A. Ofri Center contributes to the sustainable development of human resources internationally, based on knowledge and experience accumulated in Israel.

Website: www.ofri.org.il