



*Educating for Life*

# WORLD ORT IN ISRAEL



# World ORT in Israel

Active in more than 165 schools, training and assisting some 3,300 teachers and serving over 100,000 students in under-resourced areas of Israel.

Our mission is Educating for Life.

World ORT is the largest Jewish non-governmental education and vocational training organization in the world and has benefited more than 3 million Jews and non-Jews in more than 100 countries since 1880. World ORT has supported education and vocational training projects in Israel since the foundation of the Jewish State.

World ORT established the Science Journey program in 2007 in cooperation with Israel's Ministry of Education and other government ministries.

World ORT is active in more than 165 schools in Israel, including 27 schools situated within public hospitals. Working in cooperation with the Ministry of Education and our voluntary Academic Advisory Council, our projects are formulated to benefit not only students but also teachers, principals and the local communities.

Our mission is Educating for Life: we provide the skills and knowledge that enable students to become contributing members of society.



# Smart Classrooms

Today, World ORT is spearheading the installation of over 1,000 Smart Classrooms in schools throughout under-resourced peripheral communities. The Schulich Canada Smart Classroom Initiative is implemented in partnership with the Ministry for the Development of the Negev and the Galilee and the Ministry of Education.

These Smart Classrooms are equipped with interactive whiteboards, wireless internet connectivity, laptops and other technological aids. On-going teacher training is provided, to ensure that the Smart Classroom equipment is used to its full potential.

Smart Classrooms encourage learning through interactivity throughout under-resourced peripheral communities.

- Energizing the learning environment through innovative teaching and study methods
- Effecting change by transforming classes and exposing teachers to new methods
- Enabling interactive learning across the curriculum
- Applying advanced technological tools to teaching methodologies
- Continuing independent evaluation of the implementation process to ensure best practice
- Incorporating municipal commitment through the provision of infrastructure



# Kadima Mada – Kav-Or

Every year, more than 120,000 children are hospitalized in Israel. Undergoing medical treatment isolates them from friends and family and from the normal routine of school. Through its investment in the Kadima Mada – Kav-Or program, World ORT works in full cooperation with the Ministry of Education to provide quality educational services for hospitalized children.

Kadima Mada – Kav-Or supports schools situated within 27 public hospitals with the provision of laptop and desktop computers, interactive whiteboards, educational LEGO kits, and wireless internet connections. And, of course, training programs to ensure that teachers are familiar with the new technology.

A website ([www.kavor.org](http://www.kavor.org)) and an on-line distance learning service allows children to benefit from a virtual school and enrichment activities and gives them the pleasure of keeping in contact with friends and family. Kadima Mada – Kav-Or is a ray of light that brightens the lives of thousands of sick children throughout Israel.

Kav-Or brings encouragement and continued education to hospitalized children in Israel.



# MABAT – Learning Science through technology

Scientific concepts can be difficult to grasp, so in order to promote science and technology to young people, World ORT in collaboration with Robotech – a leading Israeli technology company – has introduced the MABAT program for middle schools.

Teachers are trained to direct students in the building and programming of robots using educational LEGO kits. Working with the robots is an enjoyable and challenging way for students to become comfortable with scientific theory and technological practice.

World ORT organizes annual robotics competitions to encourage the learning process, providing fun opportunities for collaborative learning. And as understanding increases, so too does the number of children who study science and technology – a vital contribution to Israel's economy and future.

Students have the latest technological equipment available to promote science and technology and to encourage the learning process.



# Kiryat Yam – Science City



*Betty Schoenbaum generously supported the building of the new campus.*

World ORT's Kiryat Yam Science City features The Alex and Betty Schoenbaum Science, Educational, Cultural and Sports Campus which provides a new level of science education to the northern Israeli coastal city of Kiryat Yam. Through exciting new programs and state-of-the-art facilities children from under-resourced neighborhoods will see their interest in science ignited.

The campus is open to all schools in the city as well as to the general public. The campus also includes the D. Dan Kahn Science Center with its up-to-date laboratories, the Nate Lipson Ethiopian Heritage Center, an open-air science park which boasts the Margot and Jozef Rethazy Planetarium, a marine observatory, an athletics stadium, a sea sports center and the renovated Rodman High School.



*View across Kiryat Yam Science City showing sports fields and planetarium.*



*Inside the unique marine observatory*

This remarkable new development is advancing science and technology education in Kiryat Yam and the surrounding areas, building the foundation for pupils' involvement in social responsibility and teaching them the necessary skills to compete in today's highly advanced global arena. Kiryat Yam is a multi-ethnic community of about 45,000 people and absorbs newcomers from North Africa, the FSU and Ethiopia.



# MADA-NA – Mobile Science Exhibition

World ORT's Science Journey project brings the fascinating world of science to thousands of children from underserved regions through its innovative MADA-NA Mobile Science Exhibition.

As it travels from one community to another, MADA-NA invites children to use all of their senses to learn how science is an intimate part of their everyday lives.

Comprised of five rotating exhibitions, each with 15 hands-on models that demonstrate different physics topics, MADA-NA sparks the excitement of children as they experience the wonders of mechanics, optics, electricity, magnetism, heat, liquids and gas in a user-friendly, fun environment.

The mobile science exhibition brings interactive hands-on learning to thousands of children in Israel.



“World ORT teaches the values of education and community, providing Jewish youth worldwide with the technological know-how necessary to build a better future...”

The importance that your work carries for ensuring the future of our people cannot be overestimated. I wish World ORT continued success in its activities on behalf of the Jewish people and the State of Israel.”

Benjamin Netanyahu, 9<sup>th</sup> Prime Minister of Israel



*Photo credit: Oren Cohen*

For further information on our programs in Israel:

[www.kadimamada.org](http://www.kadimamada.org)

For further information on World ORT:

[www.ort.org](http://www.ort.org)

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