

ARIE CROWN'S SHARE OUR FUTURE:

Spotlight Series

DIGITAL NEWSLETTER



ARIE CROWN HEBREW DAY SCHOOL

The Share Our Future Campaign presents a historic and exciting opportunity to ensure the viability of Arie Crown Hebrew Day School now and for the future. Throughout the year, we are highlighting the ways in which our school excels and how our new space will allow us to enhance our education even further!



STEM Lab Under Construction



Future STEM Lab



A CLOSER LOOK AT ARIE CROWN'S STEM PROGRAM

Arie Crown is on the cutting edge of education. We have found innovative ways to incorporate a number of STEM (Science, Technology, Engineering and Math) activities in our middle school science department despite lacking a dedicated space for these educational opportunities.

Working in teams to meet challenges is a central principle of our STEM curriculum. We currently incorporate problem solving and team building educational exercises through a myriad of programs for students in 1st through 8th grades, with a focus on our middle school grade students. This includes "escape room" learning experiences which promote critical thinking in a team setting, and various engineering activities that challenge teams of students to build physical structures like model roller coasters. These projects help implement the use of various materials to meet certain criteria and allow students to evaluate their results through the study of science, math, and engineering principles such as density and the exploration of surface tension.

Our Math program also integrates hands on education outside the pages of standard "textbook learning" through activities such as students creating 3-D dodecahedrons pentominoes, tanagrams and other hands-on puzzles. In addition, parents and their children are thrilled to participate in our popular annual Family Fun Math Night - a special

evening where families come together to experience STEM projects led with the guidance of our teachers. "Students tell us that they love the scope of the projects they encounter at this program, including creating prototypes and then making necessary adjustments to their work as they learn more helpful information that assists them in their task," Mrs. Janice Levitan, Head of Technology and 8th Grade Science Teacher has said of the current program.

As we prepare for the move to our new campus, we are excited that we will be able to launch an enhanced and expanded robust STEM program in our new space as a way for students to continue experiencing real world applications through multiple disciplines. We have seen the success of STEM within the Arie Crown community, and look forward to elevating our existing curriculum through additional initiatives in new dedicated spaces specifically designed for this program.

We are currently hard at work behind the scenes on this curriculum development with the help of our partners at CIJE (Center for Initiatives in Jewish Education) in order to implement these exciting changes. Our new space will enable our students to utilize brand new, state-of-the-art STEM labs to incorporate STEM as a weekly component of our science curriculum. These areas will allow more consistency for the upper grades while also expanding our regular programming to younger students with age-appropriate STEM programs throughout the school year. The plans for the space include 3-D printers, iPads, Chromebooks and SMARTboards for presentations. This expansive space will allow room for building, testing, and collaborating and will allow us to incorporate virtual reality viewers, rocketry and drones. These are just a sample of some elements that will be incorporated into the program. The layout of the STEM lab will be designed to encourage both cooperative and individual learning and will give students inspiration for their own inventions. We are thrilled to travel down this path that will encourage the further development and growth of our students in a setting that will enable them to flourish.

THANK YOU TO OUR GENEROUS SHARE OUR FUTURE CAMPAIGN SUPPORTERS

List in formation, listings as of date of publication

Anonymous (11)
 Fred and Adina Aaron
 Maury and Ora Aaron
 Joseph and Elka Abramchik
 Schuyler and Sarah Abrams
 Jordan and Rachel Amrani
 Jeremy and Rebecca Amster
 Steven and Susan Appel
 David and Gayle Aronin
 Elisha and Donna Atkin
 Ken and Chava Avner
 Elly and Mandy Bachrach
 Shael and Joan Bellows
 Meir and Aliza Belsh
 Howard and Shoshana Benditzson
 Chaim and Esti Ben-Porat
 Dr. M. Allan and Gita Berk
 David and Shira Berkowitz
 Dr. Irving and Eleanor Birnbaum
 Tomer and Jennifer Birton
 Moshe and Tamara Blonder
 Rabbi Reuven and
 Dr. Nechama Brand
 Fred and Lynne Bluma
 Rabbi Yishai and Bruma Broner
 Mark Campbell and Cathy Horwitz
 Yossi and Elisheva Chase
 Aaron and Elisheva Cohen
 Benjamin and Batya Cohen
 Carole Cohen
 Leonard and Pamela Cohen
 Randy and Robyn Cohen
 Concerto Renal Services
 Crown Family Foundation
 Eli and Chasi Davis
 Nesanel and PerL Davis
 Moshe and Chevie Davis
 Max and Mariya Dayan
 Dr. Shlomo and Tami Drapkin
 Moshe and Tehilla Erlich
 Rabbi Morris Esfomes z"l
 Zev and Laura Feiger
 Elchanan and Aliza Finestone
 Moshe and Elizabeth Freedman
 Dovid and Chammie Freedman
 Benzie and Lisa Friedman
 David and Ronna Friedman
 David and Shoshana Friedman

Dr. Max and Rivkah Leah Friedman
 Jake and Melissa Gabay
 Sason and Aliza Gabay
 Dr. Daniel and Diana Ganger
 Dr. Binyamin and Chaya Garden
 Doni and Rivka Garden
 Tzvi and Avigail Garden
 Dr. Yudi and Phyllis Garden
 Yaakov and Deborah Garfinkel
 Rabbi Shaanan and Tziporah
 Gelman
 David and Linda Gilston
 Andrew and Elise Glatz
 Adam and Chaili Glickman
 Alan and Dvora Gold
 Yoel and Yehudit Goldberg
 Freddie and Orlit Goldman
 Herbert and Martha Goldsmith
 Dr. Shmuel and Chana Goldstein
 Rabbi Reuven and Meira Gottesman
 Rabbi Micha and Rivka Greenland
 Sam and Dr. Taya Grilli
 Abie and Ronit Gutnicki
 Marc and Ruki Halpert
 Mitchell and Nancy Halpert
 David and Chaya Tova Hartman
 Mark and Penina Hartman
 Robert and Debra Hartman
 Dr. Gary and Cheryl Hoberman
 Ted and Dana Hunter
 Dr. Jonathan and Heidi Ida
 Rabbi Jerold and Jocelyn Isenberg
 Moshe and Devora Isenberg
 Rabbi Yehuda and Chana Isenberg
 Benji and Estie Israel
 Doug and Amy Kahn
 Levi and Ilana Kahn
 Moshe and Shoshie Kahn
 Benji and Elana Kandelman
 Rabbi Phil and Rachel Karesh
 Dr. Steve and Cheryl Karesh
 Ari and Adi Kirshner
 Jordan and Sue Klein
 Michael and Naomi Klein
 Alan and Eve Kleinerman
 Kohanchi Family
 Asher and Chaya Kohn
 Debra Korman

Jonathan and Elisheva Korman
 Elisheva Kossover
 Gabe and Shoshana Kroll
 Bruce and Cheryl Leon
 Aveeshi and Tamar Lev
 Brian and Michelle Levinson
 Rabbi Stuart and Rena Litwack
 Alan and Marisa Loebmann
 Dr. Edward and Beruria Loew
 Sruli and Naomi Lopin
 Elan and Becca Magence
 Rabbi Meyer and Cheryl Magence
 Dr. Jonathan and Wendy Margolin
 Yaakov and Esther Mashlach
 Yechiel and Malkie Mashlach
 Rabbi Leonard and Margaret
 Matanky
 MRG Realty
 Robert and Rochelle Meadow
 Sam and Shuli Meadow
 Shalom and Dafna Menora
 Shimmie and Nili Mermelstein
 Rabbi Hillel and Faye Meyers
 Meir and Eli Meystel
 Shimmy and Ahuva Meystel
 Yossi and Penina Meystel
 Aaron and Lori Miller
 Steven and Malka Miretzky
 Dr. Steven B. Nasatir New
 Direction Fund
 Moti and Shira Ninio
 Dr. Oscar z"l and Bernice Novick
 Bernard and Ricky Novit
 Michie and Naomi Nudell
 Michael and Tova Perl
 Ira and Bev Piltz
 Moshe and Tzippy Polstein
 Benjie and Sara Porush
 David and Rochie Porush
 Gavriel and Lena Prero
 Chanoch and Rena Raccach
 Andrew and Ruth Raskow
 Tzvi and Sara Reifer
 Kenneth and Yael Ripstein
 Elliott and Ronni Robinson
 Josh and Michal Rosen
 Yitzzy and Emmie Rosenblum
 Josh and Shoshi Ross

Eric and Gale z"l Rothner
 Scott and Atara Schayer
 Zvi and Esti Schayer
 David and Shayna Schechter
 Eitan and Avigail Schechter
 Dr. Gary and Miriam Schreiber
 Jay and Chana Malka Schultz
 Jeffrey and Cindy Schwartz
 Rabbi Yosef and Rebecca Schwartz
 Rabbi Samuel and Miriam Seleski
 Ari and Shana Shabat
 Daniel Shabat
 Ronald and Faith Shabat
 Eliezer and Rivkie Sharfman
 Carol Silverman
 Richard and Rachel Silverman
 Alan Skidelsky
 Yitzie and Ami Sommer
 Israel and Ethel Steink
 Dr. Avi and Deena Starin
 Reuven and Raanana Stein
 Abraham J. and Suri Stern
 Todd and Raphaela Stern
 Yav Tcath
 Cynthia Tivers
 Rabbi Aaron and Cici Topper
 Rabbi Mordechai and Atara Turoff
 Ahuva Wainhaus
 Walder Foundation
 David and Brooke Warso
 MJ and Rachel Weinberger
 Avrum and Voie Weinfeld
 Weinfeld Family
 Lennie and Deborah Weiss
 Heshy and Jessica Wengrow
 Yoni and Tzippy Wengrow
 Bob and Ellen Wigoda
 Rabbi Shabsai and Debra Wolfe
 Dr. Yigal and Donna Yahav
 Ilya and Sarah Yeverovich
 Michael and Dr. Yael Zahtz
 Dr. Phil and Roselle Zaret
 Eitan and Sorah Zeffren
 Levi and Alissa Zeffren
 Joey and Becky Zimmerman
 Rabbi Josh and Talia Zisook
 David and Mindi Zissman

As always, your support is critical to Arie Crown's success. We look forward to sharing more updates on the new building in the coming months. For more information and to take part in this exciting project, please visit shareourfuture.org.