

EXPANDING HORIZONS PROGRAMS

2016-2017

Expanding Horizons is a Salem Public School District after-school program offered to all students in grades 6-8.

- ✓ Students who participate in Expanding Horizons engage in innovative curriculum designed to enlighten their minds in the areas of Science, Technology, Engineering, Art, and Mathematics.
- ✓ Students may choose to participate in only one of the three programming options.
- ✓ Programs run twice a week, from **3:15-5:30** at the Nathaniel Bowditch School.
- ✓ Bussing is available from Collins and Saltonstall Middle Schools to the Nathaniel Bowditch School and home following the program.
- ✓ Snack is provided each day.
- ✓ Please register your child for the year, limited space available.

CALENDAR OF PROGRAMMING

SESSION ONE:

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
FUTURE CITY	HEALTHY HARBORS CONTINUED	FUTURE CITY	HEALTHY HARBORS CONTINUED
BOOK CLUB	GIRLS WHO CODE	BOOK CLUB	GIRLS WHO CODE
LEADERSHIP	SALEM THEATRE CLUB	LEADERSHIP	SALEM THEATRE CLUB

SESSION TWO:

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
JV INVENT: SHOE ENGINEERING	HEALTHY HARBORS CONTINUED	JV INVENT: SHOE ENGINEERING	HEALTHY HARBORS CONTINUED
BOOK CLUB	GIRLS WHO CODE	BOOK CLUB	GIRLS WHO CODE
COOKING CLASS	SALEM THEATRE CLUB	COOKING CLASS	SALEM THEATRE CLUB

SESSION THREE:

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
TBD	HEALTHY HARBORS CONTINUED	TBD	HEALTHY HARBORS CONTINUED
BOOK CLUB	GIRLS WHO CODE	BOOK CLUB	GIRLS WHO CODE
JV INVENT: HYDROPONICS	LEADERSHIP	JV INVENT: HYDROPONICS	LEADERSHIP

PROGRAM DESCRIPTIONS ON THE BACK → → →

FUTURE CITY: Explore architectural wonders, design a city on the computer using SIM City and then build a physical model of a future city, culminating in a national competition in Boston against other teams from Massachusetts.

HEALTHY HARBORS CONTINUED: Have you worked all summer long on an awesome service learning project and wish you had more time? Join the Healthy Harbors after-school team and continue all the hard work you've done! If you were not in Healthy Harbors, but love marine biology and want to help tackle problems surrounding marine debris and pollution, join this group and we will help you make your ideas possible!

BOOK CLUB: If you love to read, this is the club for you! Collaborate with others in a book club where you will all choose the books you read and help one another understand themes, characters, and vocabulary.

GIRLS WHO CODE: Start your exploration into computer science with the Girls who Code group! Explore coding in a fun and friendly environment, by learning core concepts through project-based learning. Develop projects based on your own interests, such as music, animation, or games.

LEADERSHIP: In Leadership, students will work together to develop engaging activities for elementary students that will encourage positive behavior and help to build their teamwork skills. In partnership with the Salem High School Marine Corps, students in Leadership will both be mentored and serve as mentors!

SALEM THEATRE CLUB: Develop and enhance your acting skills with the Salem Theatre Club! Work with real actors and actresses on your stage presence, or join this group to help with your public speaking skills! This two-session program will result in a real performance!

JV INVENT SHOE ENGINEERING: What kind of shoe is your favorite? Do you like Air Jordan's? Or Chucks? If you like shoes, then this is the class for you! You'll be making a cool shoe sole, and designing a shoe sole of your own, which will be specific to your interests. JV Invent is a science class that includes solving problems, creating, doing hands-on and minds-on activities, using tools, and 'working as a TEAM'. Science and art are combined for a unique learning experience. We will also go on a campus visit to Massachusetts Institute of Technology (MIT), where the JV Invent program was created!

PROJECT BREAD COOKING CLASS: Do you like to cook? Learn to cook fun meals and try different types of food, in the Project Bread Chef's in Schools Cooling Class! Cook with your friends and bring home recipes to your family, including a cookbook on last day!

JV INVENT HYDROPONICS: Hydroponic gardening, a trend in agricultural practice around the world, eliminates the need for soil. Join this group and help enhance the Nathaniel Bowditch Greenhouse by building your own hydroponic gardening unit using PVC pipe! Following the engineering and design process, student will investigate this process and the space and propose concepts for design!

HOW TO REGISTER

PLEASE REGISTER FOR THE YEAR

Sign your child up by:

Contacting Katie Wilkins over the phone at 978-740-6667 (x103)

Or via email at kwilkins@leap4ed.org

Or register online using this link: