

Fall 2020 Programming

SHARP's educational programs throughout the year are generously funded, in part, by Northwestern Mutual, Quad, Komatsu Mining Corp. Foundation, Rockwell Automation, and Daniel M. Soref Charitable Trust. **Thank You!**



Starting October 19, SHARP Literacy is delivering **virtual STEAM-integrated educational programs** and hands-on learning experiences to students!

Thousands of urban elementary students in 35 schools throughout Milwaukee, Waukesha and Racine will be engaged in lessons designed to help bridge the learning gap students have experienced over the past seven months.

Science, technology, engineering, art and math (STEAM) are incorporated into curricula based on SHARP *We Love to Learn* books, and even include virtual educational tours!

Cycles in Nature

Utilizing SHARP's *We Love to Learn* book *A Great Lakes Adventure: Salmon's Journey Home*, student lessons focus on analyzing the water cycle through the creation of mixed media diagrams, and examine the life cycle of salmon through movement and arts-integrated activities.

Through a workshop series **incorporating art, literacy, science and math**, students are building critical thinking skills, making connections and increasing retention. The program comes full circle with a virtual educational tour of Discovery World.



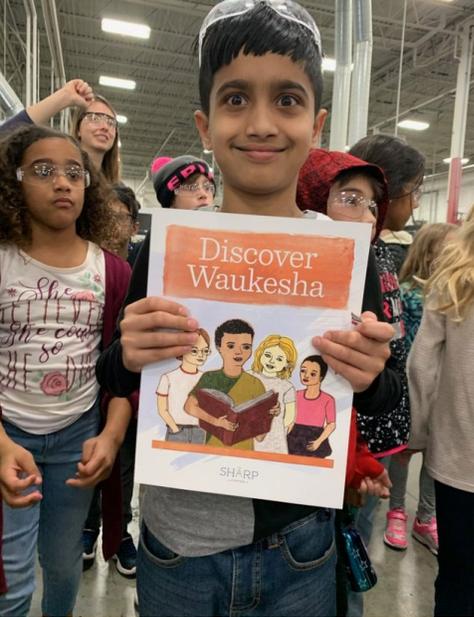
Urban Agriculture

Based on SHARP's *We Love to Learn* book *There Grows the Neighborhood: Agriculture in the City*, Urban Agriculture takes **an arts-integrated approach that combines STEAM concepts and literacy**.

Students learn about aquaponics, vermicomposting, conditions gardens need for growing food, and how urban agriculture can nourish their neighborhoods.

Adam Carr, author and self-described "Milwaukeeist," will host virtual "walking tours" of SHARP Literacy's Urban Greenhouse at Browning Elementary School and a farmers' market.





Waukesha: In Our Community

Waukesha elementary school students explore the past, present and future of their community and culture through literacy and art with SHARP's *We Love to Learn* book, *Discover Waukesha*.

The curriculum is enhanced with **hands-on, art-integrated activities and creative writing projects** that shine a light on diversity and cultural traditions, developing students' understanding of their communities and residents.

Waukesha's famous residents, landmarks and neighborhoods are brought to life for students with a virtual visit to Waukesha County Historical Society and Museum.

Design Through Code Program Offerings for Fall 2020

Urban Techies

Through the new virtual curriculum, students use science, technology, art and math to explore **urban gardening, problem solving and the fundamentals of coding**.

Students build their own mini gardens and track growing conditions and progress in a science journal. Through a series of plugged and unplugged activities, students take on the basics of coding, from algorithms to loops.

Adam Carr will host virtual "walking tours" of SHARPs Urban Greenhouse at Browning Elementary School and a farmers' market.



Design Through Code 1.0

What's a loop dance? Students find out in Design Through Code 1.0, which introduces them to the language of coding.

Within the curriculum, students learn essential skills like **problem-solving, logic, collaboration, critical thinking and creativity**.

Rounding out this coding program, the students will get insight on STEM majors and careers from Milwaukee School of Engineering college students featured in a video series.

Contact sara@sharpliteracy.org for more information.

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SHARP
— Literacy —