

HARVEST TIME



3 SEEDS NEWSLETTER | VOLUME 15 [JUNE - AUG]

3SEEDS.ORG

THE FUTURE OF FARMING

SOUTHWOOD STUDENTS EMBARKED ON SEVERAL TOURS TO EXPERIENCE THE FUTURE OF STEM IN FARMING

Our planet is ever-changing right? Well our Southwood students received the chance to witness it first hand on farmland. 3 Seeds hosted our annual trip to Fair Oaks Farm located in Fair Oaks, Indiana. The goal of this field trip was to enlighten students with an enriching & experiential learning experience. During this visit, the students were taken on three different tours. First, the students were taken on “The Dairy Adventure” where they saw where the cows lived, ate, slept, and how they were milked by the robotic machines. The students gained knowledge of how the cows contributed to society and the importance of their sustainability. Next, “The Pig Adventure” showed the students all about the life of a pig. They also learned all about pork and its benefits and discovered the growth cycle of pigs. Lastly, “The Crop Adventure” showed the students how crop farming starts as a small seed in order to feed a world of about 7 billion people and more.



SOUTHWOOD STUDENTS USING A SIMULATOR RIGHT BEFORE THE DAIRY TOUR IN THE MAIN BUILDING

LIFT EVERY VOICE AND SPEAK

STUDENTS TEAM UP TO USE THEIR VOICE TO CREATE THEIR PODCAST



Did you know there are 464.7 million podcast listeners globally as of 2023? This number is expected to increase another 40 million by 2024. During this workshop, our students were introduced to the world of creating & producing v podcasts. They were granted the opportunity to learn how to use audio and video equipment to ultimately create their own episode. First, the students engaged in a whole group discussion about the importance of public speaking then received a worksheet that explored the many careers involved with the tv, video and film industry.

FUTURE SCHOLARS IS BACK!

3 SEEDS FREE STEM SUMMER PROGRAM RETURNS!



3 Seeds Mentoring Group has been successfully doing educational programming here in the south suburbs since 2016. Before Covid they had a successful middle school program with Southwood that provided services to 30 students in grades 6th thru 8th. This year they held their first summer session since the pandemic and they rolled out their future scholars program that is designed to introduce students to a variety of careers by providing hands on experiences. The students had a great time and can't wait to continue with the workshops in the fall!



INVASION OF THE ROBOTS!

GROUPS OF STUDENTS AT SOUTHWOOD USE SPHEROS TO SUCCESSFULLY NAVIGATE A MAZE

Many have said STEM is the future of our economy. 3 Seeds hosted an interactive hands-on workshop with our student participants entitled “Sphero Decoded” for our Southwood students. The workshop facilitators engaged the students in an enlightening discussion about the presence of STEM and how it’s everywhere in all that we do. Everyone engages with multiple STEM related careers through they day but may not realize it. From shopping to social media there are hundreds of opportunities where stem makes the magic happen behind the scenes and we were able to have conversations with the students about all of the possibilities that they can potentially major in when they get to college.

The students began to identify various careers and the possibilities of what life would be like if they didn’t exist. Next, the students paired up with a partner and received instructions on how to code their robot and how to set up their maze (level 1 to level 3). The students engaged in fun, competitive banter to see who can get to the next level the fastest. Upon each group observation, the group facilitators assisted the teams with feedback on an as needed basis. The students really enjoyed this activity. 3 Seeds got the opportunity to show the students that coding can be fun and not as complex as they thought. We met them at their level in a fun and engaging manner.

CRACKING THE CODE

STUDENTS LEARN THE BASICS OF BLOCK CODING IN THIS ONE DAY INTERACTIVE WORKSHOP



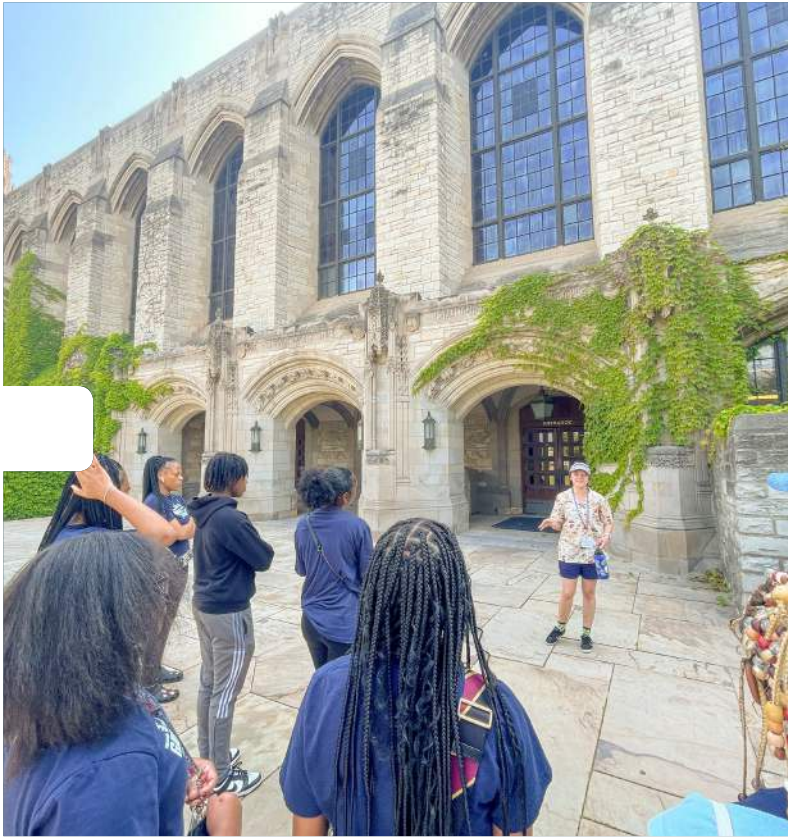
Imagine trying to learn a new language in one day.. Sounds like a nearly impossible feat but the students in our Decoded camp were able to rise to the occasion and learn basic block coding in a couple of hours. The students were allowed to work in groups and had to successfully program their robot to navigate 3 different shapes before trying the large maze. For most of them this was their first time ever doing anything like this and they picked it up pretty quickly. We cant wait to see what they are able to learn once we begin working with them in the fall!

STUDENT ATHLETES SOAR!

HILLCREST FOOTBALL TEAM VISITS THE CHICAGO SPORTS MUSEUM



Each year 3 Seeds does a summer event called the 5th Quarter where we engage our students athletes to do an academic assessment that is connected to online tutoring in exchange for an opportunity to do a sports career related field trip. Last year we were able to attend the Chicago Bears Career Day panel and this year we were able to visit the Chicago sports museum, a place that combines skill challenges and hi-tech simulated experiences with unique sports memorabilia and an impressive collection of game-used treasures and other artifacts. They also learned about various careers in the industry.



A VISIT TO THE BIG 10

A VISIT TO NORTHWESTERN ONE OF THE FEW BIG 10 SCHOOLS IN THE STATE

A memorable experience awaited students as they embarked on a captivating journey to Northwestern University during their summer program. The university's remarkable scholarship program immediately caught their attention, offering an incredible opportunity for aspiring scholars to pursue their dreams. The campus tour proved to be nothing short of exceptional. Nestled right on the picturesque lake, students were treated to breathtaking views that set the stage for a transformative educational experience. The vibrant campus buzzed with intellectual energy, inspiring the young minds to reach for the stars. As the tour progressed, students learned about the impressive list of alumni who have left their mark on the world. Stories of renowned leaders, innovators, and change-makers ignited their ambition and reaffirmed the boundless possibilities that lay ahead. Northwestern University's campus exuded a sense of academic excellence, artistic expression, and diverse opportunities. The visit left an indelible impression on the students, reaffirming their aspirations and fuelling their determination to one day become a part of this prestigious academic community.

ALUMNI CORNER: ESSENCE KNIGHTEN EL

STEM MAJOR WITH A BRIGHT FUTURE SUCCESSFULLY COMPLETES HER SUMMER INTERNSHIP

Everyone has a story and Essence Knighten El is no exception. She recently completed a summer STEM internship program with ACE Chicago where she had to do a sustainable design in the city of Chicago. Prior to receiving that internship she had another on with ACE during the school year where she commuted from Hazel Crest to Chicago once a week by train for 2 semesters. After completing both internships she was able to secure enough funds in scholarships to attend IIT on a full scholarship. She has kept in touch with the staff at 3 Seeds over the years and was the Salutatorian for the class of 2021 (Her picture still hangs in the hall near the front door entrance!) Her goal professionally is to be a structural architectural engineer. She is a committed student inside and outside of the classroom who also helped us with our Southworks Robotics team year and helped to develop the maze for the final Sphero Maze runner coding challenge. We are so proud of her and wish her continued success on her educational journey.



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