MICROSOFT YouthSpark - One Day Camp

Open to CYS registered members in Grades 4 to 9

9 April
0830 to 1530

Building 909
Ernie Pyle Street
Fort George G. Meade,
MD 20755

Cost: FREE

Registration can be done online: https://webtrac.mwr.army.mil. or
register in-person at Parent Central Services,
1900 Reece Road, Fort George G. Meade, MD 20755
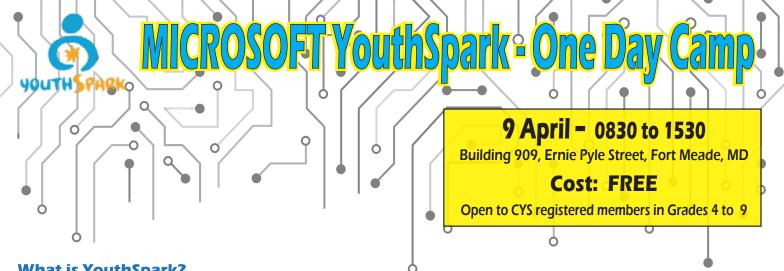For details call 301-677-1165

YouthSpark is a digital skills education program for youth

Participants will be provided with a catered breakfast and lunch
They will make, explore, and learn about robotics,
virtual & augmented reality, 3D Coordinate System for BBC Oceans,
and Makerspace code, music, and much more!

Youth that attend Anne Arundel County Public Schools;
who register by 1 March 2019, will be counted as attending a field trip
for this event by Anne Arundel County Public Schools.

www.meade.armymwr.com

UNITED STATES ARMY
CHILD & YOUTH SERVICES

U.S. ARMY
MWR

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What is YouthSpark?

Youth Spark is a digital skills education program for children. Through YouthSpark, Microsoft has been able teach and educate youth about STEM on Military bases in the United States of America.

Microsoft launched YouthSpark in 2012 and has continued to reach tens of thousands of young people throughout the United States of America.

This free, one day camp will educate our registered Child & Youth Services' students and provide them with hands on learning. It will give students an opportunity to participate in STEM activities such as:

Robotics

Students will create sensors to measure finger flexion and control a robot. Students will compete against others on teams using real world based lesson "Giving a Helping Hand." Visit www.aka.ms/hackingstem

Augmented Virtual Reality

Students will use Microsoft HoloLens which is the first self-contained, holographic computer, enabling you to engage with your digital content and interact with holograms in the world around them.

Makerspace

Students will use MakeCodeExplore to conduct a hands-on-project based on learning activity with blocks, java-script & python curriculum. Visit MakeCode.com

BBC Oceans Hacking

Students will learn how sharks swim by utilizing a 3D coordinate system using physical and digital shark models to understand yaw, pitch, and roll. Visit www.aka.ms/bbcoceans

YouthSpark One Day Camp is a wonderful opportunity to prepare our students, the next workforce generation, for pursuing STEM careers. Students will have an opportunity to utilize devices, think critically, explore content, and take a holistic approach in harnessing technology.

Registration can be done online: https://webtrac.mwr.army.mil.
Select CYS - Maryland, then select Fort Meade
On the Fort Meade page; go to "Browse Activities" and enter: Stem Youth Spark.

Register in-person:
Parent Central Services, 1900 Reece Road, Fort George G. Meade, MD 20755

Details:
Please call 301-677-1165

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