Numerous studies have revealed an achievement gap in STEM knowledge and a reduced interest in STEM careers among middle school students. ASM Materials Education Foundation launched a new program that focuses on engaging middle school children and exciting them about pursuing STEM education. The program encourages students to see the world around them as one in which science is transformed into technology through engineering. The primary goal of the program is to stimulate an interest in learning more about STEM as students move into high school.

Through the MATERIALS MATTER program, students work in small groups and use hands-on experiments to explore concepts of physical science while learning to draw conclusions and apply basic engineering principles. The program focuses on common materials such as metals, ceramics, polymers and composites. Research has concluded that this type of approach is a proven pathway that will engage and excite students about STEM subjects.

As ASM Materials Education Foundation continues to expand their suite of programs, it’s imperative to garner support. Through your generous contributions we can continue to inspire and excite students to explore new worlds through hands-on discovery and to become STEM pioneers of the future.

For more information or to donate, please visit asmfoundation.org
Or call 800.336.5152