



World of Robotics



Audiences are captivated as Robots inspire creativity and connect the need for education to future success.

Mr. Jack Burrus, a professional educator and speaker, presents the World of Robotics. Robots are an excellent vehicle to spark the imaginations of students with diverse interests. Interactive demonstrations of robotics captivate all ages. Emphasis on science, math, reading, and more present education as the gateway to a rewarding future.

Part I: The World of Robots

Students are amazed as they learn how robots are used today, and the larger role they will play in our future. Volunteers demonstrate a programmable mobile robot using its electronic voice, multi-sensors, arm, wrist, and hand. Robot pets with video vision, vocal recognition, artificial intelligence and balancing sensors "wow" the audience with playful antics. And a robo-one class humanoid robot will show its all-too-human moves! Older grades will gain insights into the technologies that shaped the digital revolution and the unlimited opportunities ahead for their generation.



Part II: The Future of Science, Technology, and Robotics

This captivating program gives students a vision of emerging technologies. Audiences will learn about the computer of the near future, immersive technology, internet 2 and the three-dimensional web, and the changing role of robots. They will see familiar robot "friends" with some interesting new moves, and meet more state-of-the-art robot pets including Sony Corporation's third-generation AIBO. Older grades will also learn about the awesome advancements in photonics, nanotechnology, cybernetics and genetics.





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Program Specifications

Program Length: Mr. Burrus will arrive 45 minutes prior to start time to set up. The program lasts 45 minutes for grades K-2 and 60 minutes for grades 3-12. Please allow time for removal of equipment; it will take 20-30 minutes for tear-down after the program.

Seating Instructions: The preferred presentation space is an auditorium. Students may also sit on the floor of a gym or cafeteria. If students are seated in chairs over three rows deep, an elevated stage or platform is advised. Please avoid seating younger students on the bleachers. Please arrange audience by class sitting with their classroom teachers if students are seated in bleachers.

Please Provide the following Equipment: Video/LCD projector with PC hookup. A/V projector cart. Large screen for presentation. Two extra-long extension cords. Two 6-foot or 8-foot banquet-style tables with non-plastic laminate top.

Special Instructions: Any help with equipment prior and following is appreciated. Mr. Burrus prefers to introduce himself at the beginning of the presentation. Please allow him the ability to turn lights off and on during the presentation. Bottled water is greatly appreciated. Mr. Burrus tailors each presentation to the ages in the audience to provide appropriate information. His presentation can be customized for defined age groups (K-2, 3-5, 6-8, 9-12) and wider age groups (K-8, 6-12). Please contact Mr. Burrus at your earliest convenience to choose which options fit your needs.