



Academic Entertainment

Outstanding School Assemblies and Camp Shows

World of Robotics *Jack Burrus*

Connects the Need for Education to Future Success

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. Robots, more than any other technology, represent a kinship between the science we learn today and the technology we will create in the future. Many educational disciplines including science, math, language, art, and more come together to produce modern robots.



Bring the World of Robotics to Life

Jack Burrus ***brings the world of robotics to life*** with captivating images and interactive demonstrations guaranteed to engage students at any grade level. Your students will be amazed as they learn how robots are used today, and the much larger role they will play in our future. Student volunteers will help demonstrate a computer-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 will "wow" the audience with their playful antics.

Educational and Entertaining

A robo-one class humanoid robot will show its all-too-human moves. Upper grade level students will also gain insights into the technologies that have shaped the digital revolution and the unlimited opportunities that lie ahead for their generation. K-12.





World of Robotics

Jack Burrus

Program Specifications

Program Length: Mr. Burrus will arrive 45-60 minutes prior to start time to set up. A flatbed 4 wheeled cart for moving equipment would be greatly appreciated. Approximately 20 to 30 minutes will be required for teardown. If the gym is to be used, please allow adequate time for equipment to be removed prior to the start of activities.

Seating Instructions: Capacity around 400 students. An auditorium or theater is fine. If the program will be in the gym or cafeteria, students may be seated on the floor. If students are to be seated on chairs more than three rows deep, an elevated stage or large platform will be needed so all can see. We prefer that you avoid seating younger students in bleachers, if possible. If bleachers must be used, please have students sit by the classroom group to which they are assigned. Classroom teachers should sit with them.

Please Provide the following Equipment:

1. Video/LCD projector to connect to Mr. Burrus' computer. (If you do not have one, he will use a small portable project for this portion of the program.)
2. A/V cart or projector cart. Large screen for presentation. Two extra-long extension cords. Two 6-foot or 8-foot banquet-style tables (no plastic preferred).
3. The ability to turn off the lights so that all can see the screen.
4. If the presentation room heating, air conditioning or air exchange system is noisy, please make arrangements to turn it off during the programs (this might be computer controlled from the district administration office) as this will distract from the content of the program and possibly affect the hearing sensors of the robots.
5. Bottle water would be greatly appreciated.

Special Instructions: Any help with equipment prior and following is appreciated. Mr. Burrus prefers to introduce himself at the beginning of the presentation.. 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).

