

It is our goal to provide twenty teachers with a two-day summer workshop in Summer 2008 to facilitate inquiry-based, hands-on robotics education. Day One will occur early Summer 2008 and include training from a partnership of the Education Staff of the Challenger Learning Center of Tallahassee and the Goldenrod Research Corporation. Prior to the workshop, a needs assessment will be sent to attendees to determine what areas would best serve their students. The programs offered will include measurement, number sense, algebraic thinking, problem solving, etc. It is the intent of the training to give teachers a tool to show how classroom work and development of study habits and critical thinking skills are relevant in the real world. Teachers from four counties in our service area will be invited to attend including Leon, Wakulla, Jefferson and Gadsden. In addition to in-service credit and classroom materials, travel reimbursement will be provided to facilitate attendance for those traveling more than 60 miles round trip. Day Two will occur just before the 2008-9 school year to reinforce the training from earlier in the summer. Additionally, once the needs assessment has determined which robotics will be used in the workshops, a kit will be developed that will be able to be checked out from the Challenger Learning Center Teacher Resource Room so that teachers can have the robots for two-weeks in their individual classrooms. Lea Melchior, President of Goldenrod Research Corporation has agreed to match up to \$9.5K in materials including robots and curriculum materials. It is our intent to develop a program that can be used by other Challenger Learning Centers throughout the country. Presentations will be developed from the materials in the teacher resource room that can be used for classroom presentations as well as flight director presentations at the Challenger Learning Center. These will commence in the 2008-9 school year.