

THE SCIENCE AND TECHNICAL ARTS TEACHERS AND EDUCATORS OF FLORIDA COLLABORATION PROJECT. Scott M. Ames, George Stone Technical Center, Pensacola, FL 32526; Ashley Lui, FSU-Teach Program, and Kenneth A. Goldsby, Department of Chemistry and Biochemistry, Florida State University, Tallahassee, FL 32309.

College and university science departments rely on the shops that support their research programs to build equipment for classroom demonstrations and laboratory courses, but middle and high school science teachers rarely take advantage of the shop facilities at their schools. The Science and Technical Arts Teachers and Educators of Florida Collaboration Project (the STATE of Florida Collaboration Project, or simply “the STATE Project”) is an initiative to provide descriptions of demonstrations and laboratory equipment that can be built by students and faculty in a technical arts program for use in science courses at 6-12 schools. Beyond providing equipment for science teachers, we submit that these collaborations will lead to opportunities for cross-disciplinary teaching and learning. Examples of potential collaborative projects and issues related to the dissemination of these projects will be presented, including a brief report on a “field test” of the TEACH Project at Raa Middle School in Tallahassee.