

FY 2009 – FY2011 A G R E E M E N T and A P P L I C A T I O N *Engineering byDesign™* Network (EbD™)

This Agreement between _____ of the _____ located in, _____ and the **International Technology Education Association's (ITEA) Center to Advance the Teaching of Technology and Science (CATTS)**, Reston, Virginia, will serve to identify what each party is expected to perform over the time that the school is a member of the *EbD™ Network* of Schools. The total term of this commitment is two years. Each party agrees to the following:

School Application

The school system submits this application to ITEA-CATTS that indicates its intention to implement the following EbD™ course(s). *Please confirm by checking the box to the left of the course(s) that will be piloted and implemented.*

- Exploring Technology (Grade 6)
- Invention and Innovation (Grade 7)
- Technological Systems (Grade 8)

- Foundations of Technology (Grade 9)
- Advanced Design Applications (Grades 10-12)
- Engineering Design (Grade 12 – capstone)
- Technological Design (Grades 10-12) – FY09
- Advanced Technological Applications (Grades 10-12) – FY09
- Technological Issues & Impacts (Grades 10-12) – FY10

- Foundations of Technology (Online version) - TBD
- Engineering Design (Online version) – TBD

The School agrees to the following stipulations as part of the Agreement:

1. *Curriculum:* As part of the Agreement, each School will be provided unlimited access and duplication rights (for the teachers within the school) to EbD™ course guides. EbD™ Schools and Teachers agree to follow the scope and sequence for the course and to deliver the content using the Units and Lessons contained within the model Course Guides without modifications. During the term of the Agreement, any updates to the course guides will be provided at no charge.
2. *Instruction:* As part of this agreement, teachers from the School will be provided professional development opportunities to ensure that the content within the Units and Lessons are delivered consistently. This will include a range of opportunities that are synchronous (face to face) and asynchronous (electronic through *eTIDEonline*). *EbD™* Network Teachers agree to become actively engaged in these opportunities.
 - a. Cost of the opportunities is free to the school(s) (schools in EbD™/CATTS Consortium States) provided terms of the Agreement are upheld.
 - b. Cost of travel, substitute teachers, and internet connectivity are the responsibility of the school system.

3. **Assessment:** As part of this agreement, schools and teachers agree to:
 - a. Have students participate in the *EbD™* Network and the ITEA online end-of-course assessment. Schools are not required to share student names. Data will be collected in isolation of names in compliance with privacy requirements and consistent with proper professional practices and student confidentiality. Teachers will have access to scores and be able to identify students through their own coding system. ITEA-CATTS agrees that test scores shall be kept confidential and shall only be used for purposes of monitoring and reporting in aggregate the effectiveness of the course(s).
 - b. The school will provide matching scores for the same student set (student codes to be used to align scores) for state standards tests in mathematics and science (course titles/levels not needed; all mathematics and science scores should be clustered; i.e., earth science, biology, chemistry, physics clustered as science, and algebra and geometry as mathematics).
 - c. An equal *random* number of non-EbD™ student's scores are also needed for standards-based (standardized) mathematics and science state test scores. These will be used to determine if EbD™ made significant improvements in students' academic studies. ITEA-CATTS will provide a spreadsheet to schools to enter these data. Scores will be sent electronically to ITEA-CATTS no later than <August 31, 2009 for FY 2009>; <August 31, 2010 for FY2010>; and <August 31, 2011 for FY2011>.
 - d. The school system will create and sustain an EbD™ Collaboration Team. The team consists of (but is not limited to) representatives from the technology, mathematics, science, English, and counseling departments in the school, as well as 1 or 2 representatives from the community (PTA/engineering communities). If more than one school in a school district is participating in the EbD™ Network, one Collaboration Team may be created with representatives from each school.
 - e. The EbD™ teacher(s) will attend the ITEA Conference and participate in sessions designated for the EbD™ Network. These sessions are essential to the value-added components of the Network and for classroom instruction.

Equipment/Hardware/Software Requirements

The school agrees to provide a laboratory space that is conducive to the delivery of a Technology Education program. The only requirement is to have sufficient quantities of resources that will ensure students participating in the course have access to equipment and processes necessary to design, construct, and present solutions to the technological problems they are presented. Students must have access to the following software applications (NOTE: Using eTIDEonline, users can find Open Source Software that meets these needs at no cost to the school/district):

1. CAD – Computer-aided-design software (e.g., AutoCAD, GoogleSketch or equivalent with drawing capabilities)
2. Word processing software (e.g., Microsoft Word, WordPerfect)
3. Spreadsheet software (e.g., Microsoft Excel)
4. Presentation software (e.g., Microsoft PowerPoint)

Model Program

The School agrees that the course as implemented will serve as an ITEA-EbD™/CATTS program model for other school districts. The School will make its program available for observation and inspection by other schools and districts. The school agrees to exchange information concerning the program with other schools, whether or not these schools are enrolled in the EbD™ Network (curricular materials may not be shared unless approved by the ITEA's Center to Advance the Teaching of Technology & Science).

Termination

The license granted hereunder shall cease should either party provide thirty (30) days written notice of its election to terminate the license agreement. Upon termination of the agreement, all curriculum materials, including any reproduction thereof, shall be immediately returned to ITEA, but in no event later than fifteen (15) days after the effective date of termination.

Indemnification

To the extent permitted by law, the School District hereby agrees to indemnify, defend, and hold harmless ITEA from and against, and in respect to, any and all losses, expenses, costs, obligations, liabilities, and damages, including interest, penalties, and reasonable attorney’s fees and expenses, that ITEA may incur as a result of any negligent or willful act of the School or any of its agents or employees or the failure by the School to perform any of its representations, warranties, commitments, or covenants under this Agreement.

Confidentiality

The parties to this Agreement understand and agree that the contents of this final Agreement, and the discussions and negotiations between the parties resulting in this final Agreement, shall be maintained as confidential and shall not be disclosed to any third party except to the extent required by applicable law.

Entire Agreement

The initial term of this Agreement shall begin as of the date of signing and end on June 30, 2010. The Agreement is automatically renewed for additional Contract Years (July 1 – June 30, 2011) unless a party terminates the Agreement by notice to the other party in writing no later than April 30 preceding the beginning of the next Contract Year.

This Agreement, including any instruments of agreements attached hereto as exhibits or incorporated herein by reference, contains the entire understanding of the parties. This Agreement supersedes all prior agreements and understandings between the parties. This Agreement shall be binding upon, and shall inure to the benefit of, the parties and their respective successors and permitted assigns.

_____ Superintendent of Schools	_____ Date	_____ CTE Director / TE-STEM Supervisor	_____ Date
_____ Principal	_____ Date	_____ Teacher(s)	_____ Date
_____ Kendall N. Starkweather * Executive Director, ITEA	_____ Date	_____ State Director, EbD™/CATTS	_____ Date

District & School Contact Information Sheet		
School District		
Superintendent's Name		Phone:
Email Address		
District Address		
District City/ST / ZIP		
District TE/STEM Supervisor	Name:	Email:
School Name		
Address		
School City/ST / ZIP		
Principal's Name		
Email Address		
Phone / Fax		
School Website		
Teacher's Name / Email		
Teacher's Name / Email		
Phone / Teacher's URL	Phone:	URL:
Pilot Course(s)	<input type="checkbox"/> Exploring Technology (Grade 6) <input type="checkbox"/> Invention and Innovation (Grade 7) <input type="checkbox"/> Technological Systems (Grade 8) <input type="checkbox"/> Foundations of Technology (Grade 9) <ul style="list-style-type: none"> ○ Foundations of Technology – Student Online Version (TbD) <input type="checkbox"/> Technological Design (Grades 10-12) FY09 <input type="checkbox"/> Technological Issues & Impacts (Grades 10-12) FY10 <input type="checkbox"/> Advanced Design Applications (Grades 10-12) <input type="checkbox"/> Advanced Technological Applications (Grades 10-12) FY09 <input type="checkbox"/> Engineering Design (Grade 12-capstone) <ul style="list-style-type: none"> ○ Engineering Design – Student Online Version (TbD) 	

INSTRUCTIONS:

1. **OBTAIN SIGNATURES on PAGE 3**
 - a. Please obtain the signatures of the Teacher(s), Principal, TE/STEM Supervisor/Director, and the Superintendent
 - b. ITEA will obtain the signatures of the State Director of Engineering byDesign™ and the ITEA Executive Director
2. **COMPLETE THE CONTACT INFORMATION ABOVE**
3. **RETURN FORMS BY MAIL, FAX (301-482-1978) or EMAIL (pdf) bburke@iteaconnect.org WITH THE REQUIRED SIGNATURES ON PAGE 3 and return entire application to:**

Barry Burke, Director
 Center to Advance the Teaching of Technology & Science
 8133 Seneca View Drive
 Gaithersburg, MD 20882-3622