Ector County ISD
068901

COMPENSATION AND BENEFITS
TRAVEL

DEE
(EXHIBIT C)

Form 103

OUT OF STATE
EMPLOYEE TRAVEL APPROVAL FORM

Campus Odessa High School Current Assignment Computer Science Teacher

Employee travel may be approved based on the instructional benefits for the students and the District. Out-of-state travel must be submitted to the Assistant Superintendent or Executive Director over the campus or Department. The Assistant Superintendent or Executive Director will review the request and notify the principal. Approval must be granted before an employee registers or makes reservations for a conference.

Name: Cheri Whalen

Campus: Odessa High School Current Assignment: CompSci/Robotics/AP/PreAP Teacher

Name of trip/conference and organizer (i.e., TEPSA, TASA, TAGT, etc.) Trinity College Fire Fighting Robot Contest

Date of trip/conference: Apr. 7-11, 2011 Location: Hartford, CT.

Funding source: Budget (X school ____ department)
____ Activity Fund
____ Personal
____ Outside Agency

Instructional days out of the classroom: 3 (day/s this trip) 3 (day/s this year)
Substitute required? X Yes ____ No

How does this trip relate to the TEKS and/or benefit instruction?
Please explain, including the educational objective:
See attached TEKS objectives in "Objectives" section of grant.

How does this trip relate to and benefit the Campus Improvement Plan?
Please explain, including the educational objective:
Expose students to high level competition at an international level. Give students a concrete platform to plan for their future education in STEM disciplines.

How does this trip relate to and benefit the District Improvement Plan?
Please explain, including the educational objective?
See attached Rationale and Objectives.

How will the information learned be shared within the District?
___Certifies applicant to train others in the District X Report to principals
X Report to departments/others on campus ___Report to the Board, Superintendent's Leadership Council, or Instructional Collaborative Team
X Report to Education Foundation

Does this trip relate to making a presentation representing the District? ____ Yes X No
Who initiated the request? ____The organization or conference ____The District ____TEA
(Please attach the notification of acceptance)

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Does this trip relate to an award or recognition for the District? ____ Yes X No
Who initiated the recognition? ____ Local ____ State ____ National
(Please attach the acknowledgment of recognition)

Employee signature: Cheri Whalen — 2/11/2011
Signature — Date

CIT approval: / — 2/11/2011
(if required by Principal) Signature — Date

Principal approval: D Sutte — 2/11/2011
Signature — Date

Director approval: _____ _____
(if outside the campus budget) Signature — Date

Assistant Superintendent or Executive Director approval: _____ _____
Signature — Date

All directors must approve travel financed with categorical funds.

Ector County ISD
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STUDENT ACTIVITIES:
TRAVEL

FMG
(EXHIBIT 21)

EXTRA-CURRICULAR
STUDENT TRAVEL APPROVAL FORM

Student travel must be approved based on the direct benefits for the students. The trip must have approval of Superintendent or designee before any travel arrangements and reservations are made or students and parents become involved with any facet of the trip. Out-of-state travel must have Board approval.

Name of Group: OHS Robotics Campus: Odessa High School

Date of trip: 4/7-11/2011 Grade levels involved: 11+12 Number of students: 6
Number of instructional days: 3 Location: Trinity College Hartford, CT
(Please attach an itinerary)

Funding source: ___District Budget ___Campus Budget ___Department Budget X Activity fund X Personal

Instructional days out of the classroom: The sponsors/coaches/directors have checked the accrued number of days for each participant? X Yes ___No

Trip function: X Cocurricular ___Extracurricular X Competition (Non-athletic)

Trip profile: ___In-state X Out -of-state ___Overseas ___Tour ___Field trip ___Invitational
X Annual ___Biennial ___Post-district ___Competition associated with a tour or attraction

Transportation mode: ___School bus ___School suburban ___Charter bus X plane

How does the trip relate to and benefit the Campus Improvement Plan, District Improvement Plan and/or the TEKS? See Attached.

Does the trip require fund-raisers? X Yes ___No

Are deadlines established to guide the sponsors/directors if the trip has to be canceled due to lack of funding?
X Yes ___No

How many sponsors will accompany the students? 2
What is the ratio of sponsors to students? Sponsors 2 /Students 6 (gender appropriate)

Student orientation - Date: 2/15/2011 Time: 5:30 pm Location: OHS-Whalen Room 230
Parent orientation - Date: 2/15/2011 Time: 5:30pm Location: OHS-Whalen Room 230
Sponsor orientation - Date: 2/15/2011 Time: 5:30pm Location: OHS-Whalen Room 230
Sponsor criminal background check - Date: n/a Both Teachers ECISD
Will any kind of insurance be required? ___Yes X No
Will room and baggage searches be required? X Yes ___No

Medical and travel releases will be required.

Coach/Sponsor: Cheri Whalen (Signature) 2/9/2011 (Date)

Field Trips/Excursions
UIL Competition

Principal approval: [signature] (Signature) 2/9/11 (Date)

(District Sanctioned Competition)
(K-8 Field Trips/Excursions)

Superintendent or designee Approval: [signature] (Signature) 3/10/11 (Date)

(Out-of-state)

Board approval: _____ (Signature) _____ (Date)

DATE ISSUED: 04/21/04 REVIEWED: 9/2009 1 OF 1
FMG (EXHIBIT 21)

ATTACHMENT

Extra-Curricular

Student Travel Approval Form

FMG-Exhibit 21

How does the trip relate to and benefit the Campus Improvement Plan, District Improvement Plan and/or the TEKS?

Robotics is a high-level engaging, challenging program that partners with peers, parents and community. This international competition exposes students to other student from china, Israel, and scores of other countries. The attend symposiums on the future of artificial intelligence presented by speakers from National Instruments and Massachusetts Institute of Technology (MIT).

In ECISD, enrollment in technology courses is unfortunately decreasing each year, and the state of Texas passed House Bill 3, in July, 2009, removed the technology requirement for graduation from a Texas high school. Given these facts this project gives critical exposure to students into the world of computer science using a real world scenario, with hardware and software designed and written by computer science students. Involvement in this project exposes these students to college level programming during their high school years guarantees their competitive edge in any technology or engineering based university program.

OBJECTIVES:

This project is aligned with Texas Essential Knowledge and Skills for Computer Science. The students will:

- Select the technology appropriate for the task, synthesize knowledge, create a solution and evaluate results.
- Make decisions regarding the selection, acquisition, and use of software taking under consideration its quality, appropriateness, effectiveness, and efficiency.
- Determine and employ methods to evaluate the design and functionality of the process using effective coding, design, and test data.
- Develop sequential and iterative algorithms and codes programs in prevailing computer languages to solve practical problems modeled from school and community.
- Participate with electronic communities as a learner, initiator, contributor, and teacher/mentor.
- Participate in relevant, meaningful activities in the larger community and society to create electronic projects.
- Seek and respond to advice from peers and professionals in delineating technological tasks.
- Seek and respond to advice from peers and professionals in evaluating the product.
- Debug and solve problems using reference material and effective strategies.
- Demonstrate coding proficiency in Java object oriented programming language.
- Research advanced computer science concepts such as applied artificial intelligence, expert systems, robotics, depth-first/breadth-first and heuristic search strategies, multitasking operating systems, or computer architecture.
- Extend the learning environment beyond the school walls with digital products created to increase teaching and learning in the foundation and enrichment curricula