



Board of Trustees Agenda Item Information Form

Date Submitted:

Meeting Type

- ☒ Regular Meeting
☐ Special Meeting/Workshop

Agenda Placement

- ☐ Public Hearing
☐ Executive Session
☐ Recognition
☐ Program Spotlight
☐ Community Input

Code

- PH
ES
R
PS
CI

Agenda Placement

- ☐ Administrative Report
☒ Consent Agenda
☐ Action Item
☐ Information/Discussion

Code

- AR
CA
AI
ID

Meeting Date: May 24, 2010

District Goal References (Check all that apply):

- ☒ Provide rigorous learning opportunities and curricula that transcend state and national standards to improve the achievement of each student while meeting their individual needs and aspirations.
☒ Enhance the character development of each student with emphasis on creating a sense of personal responsibility and a commitment to community.
☒ Recruit, develop, and retain compassionate, effective, innovative, and highly motivated staff.
☒ Focus our use of resources to accelerate learning for all students and eliminate the achievement gap.
☒ Provide learning environments that are physically safe and emotionally secure for all students, faculty, and staff.
☒ Lead, develop, and implement a robust parent and community involvement program to successfully achieve the district mission and objectives.
☒ Nurture, support, and develop collaborative leadership at all levels throughout the learning community.

Subject:

Consider Approval of Space Act Agreement between CCISD and NASA for Reduced Gravity Flight for Hydroponics and Aeroponics Experiments

Background:

Through the HUNCH (High School Students United with NASA to Create Hardware) program PLTW Engineering Design and Development students and their teachers, Alli Westover and Roger Elder, have developed equipment to conduct hydroponic growth experiments in space. This student-designed equipment could eventually be used on the International Space Station. As part of the evaluation process, NASA will conduct tests of the equipment in their reduced gravity aircraft. With the approval of this agreement both CSHS students and Mr. Elder will participate in the reduced gravity aircraft flights. In the past, Clear Creek High School HUNCH students and their teacher have participated in similar flights. This project is another example of the outstanding opportunities NASA provides for CCISD students.

Fiscal Impact Statement

Cost: \$0.00

- ☐ Recurring
☐ One-Time

Funding Source:

- ☐ General Fund
☐ Grant Fund
☐ Other Funds (specify)

Fiscal Year: N/A

Amendment Required: N/A

☐ Bond Funds (program year): N/A

Superintendent's Recommendation:

It is the recommendation of the Superintendent to approve the space Act Agreement between CCISD and NASA.

Department Submitting Form: Secondary Education

Cabinet Member's Approval: Alex Torrez