UNITED INDEPENDENT SCHOOL DISTRICT
INFORMATIONAL ITEM

TOPIC: Robotics in Education

SUBMITTED BY: Judith M. Garcia, Director of Curriculum Instructional Technology

OF: Curriculum & Instruction Department

APPROVED FOR TRANSMITTAL TO SCHOOL BOARD: _____

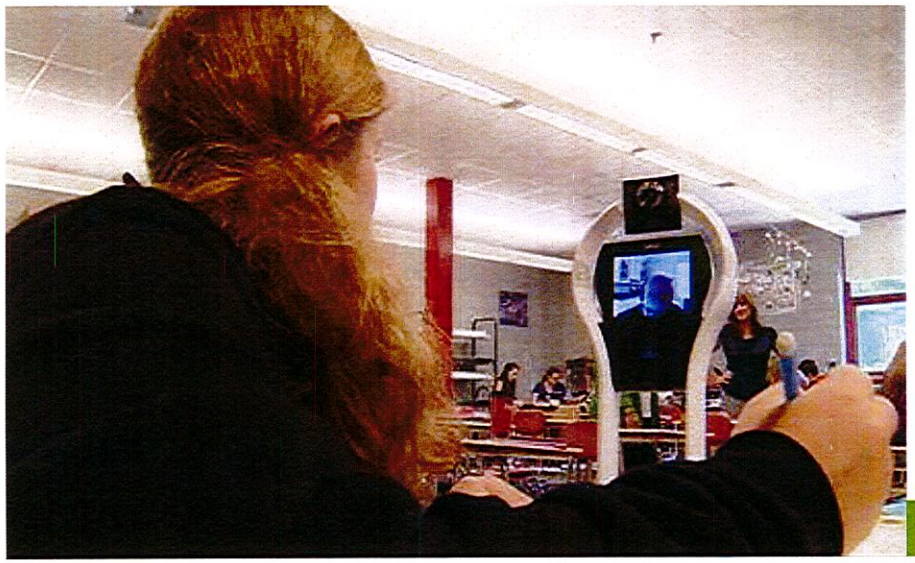
DATE ASSIGNED FOR BOARD CONSIDERATION: April 22, 2015

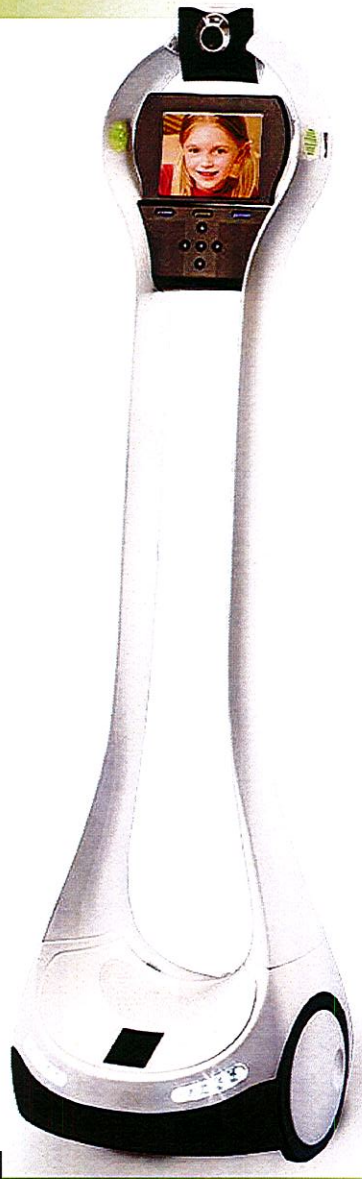
INFORMATIONAL REPORT:

The Curriculum and Instructional Technology Department is pleased to inform the board of technological advancements that provide alternate means for a student who is homebound to attend school.

The Robotics in Education presentation shares interesting information on how a student can actively participate and engage in classroom instruction; as well as, maintain the "social aspect" of a school environment when unable to attend classes for an extended period of time.

Robotics in Education





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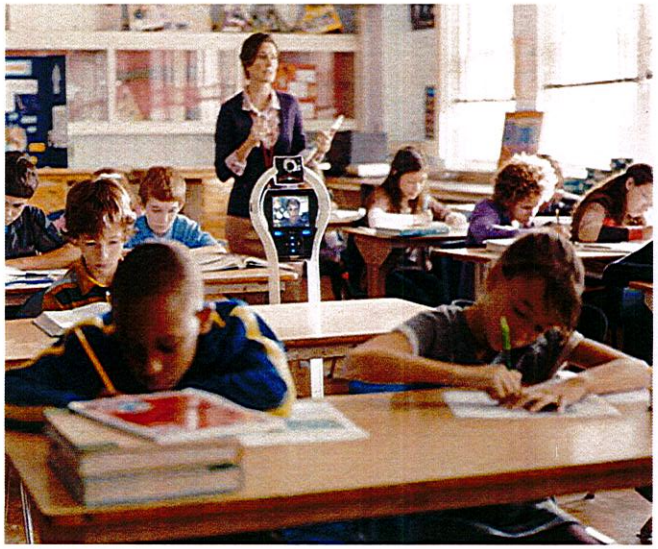
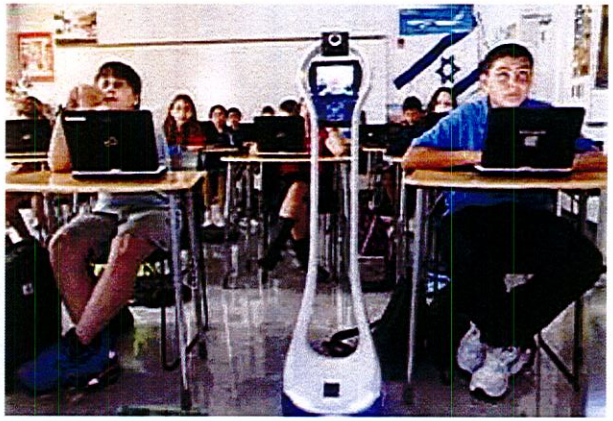
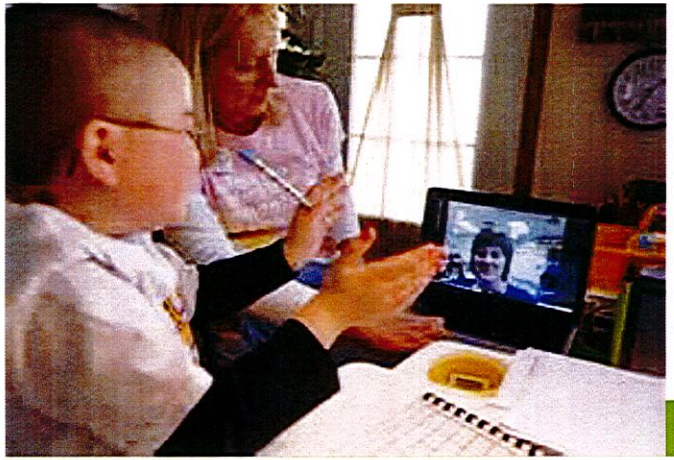
CIT Researching New Technology

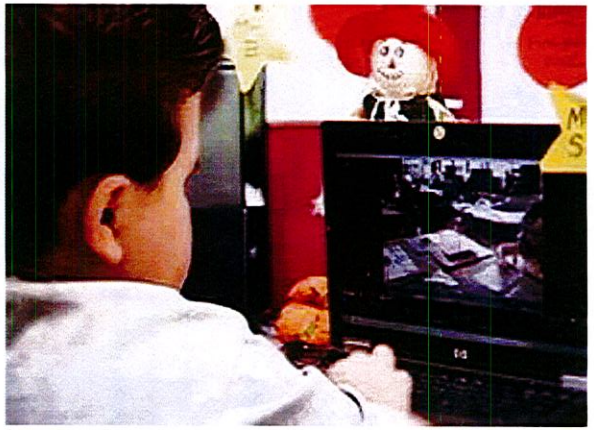
Purpose

- Allows students unable to attend class for extended periods due to accident, illness or disability to attend class and participate in certain extracurricular and school sponsored events in real-time.



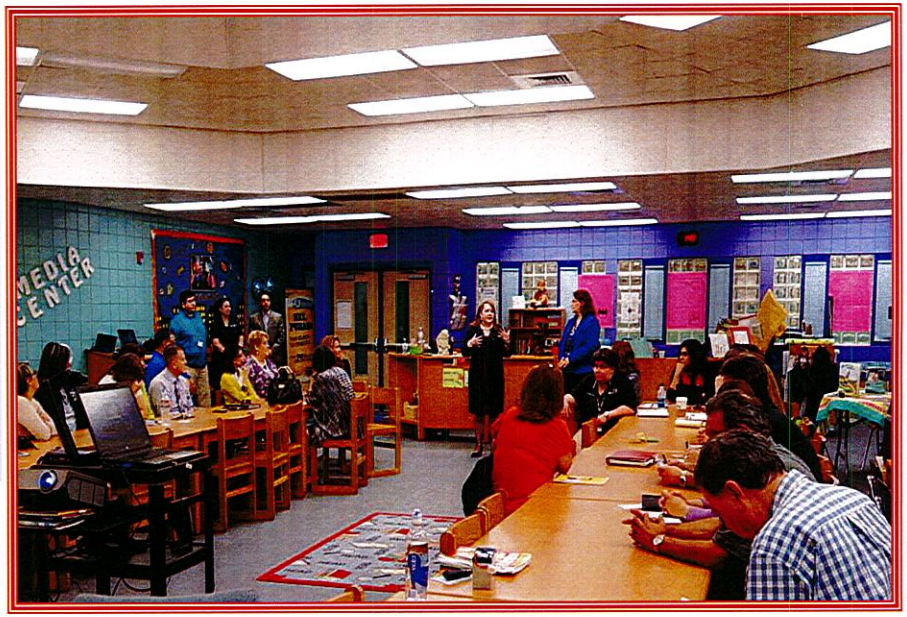


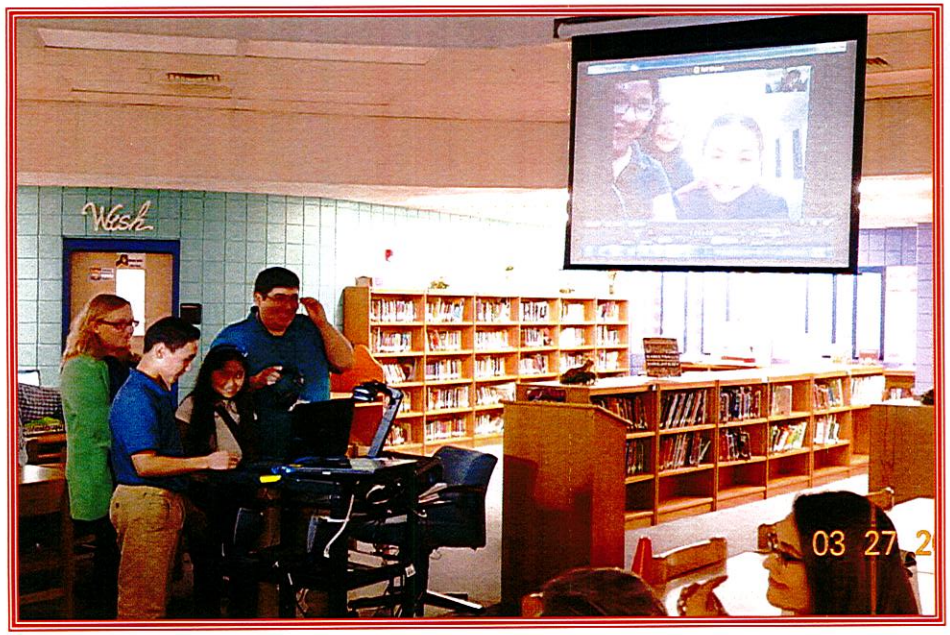




UISD Demonstration

- March 27, 2015 Antonio Gonzalez Middle School
- C & I Executives Staff, Coordinators, Teachers from Special Education, Accountability, 504, CIT Coordinators, and Board President
- Positive feedback on the possible impact of this new robotics technology
- **UISD Demo Video**



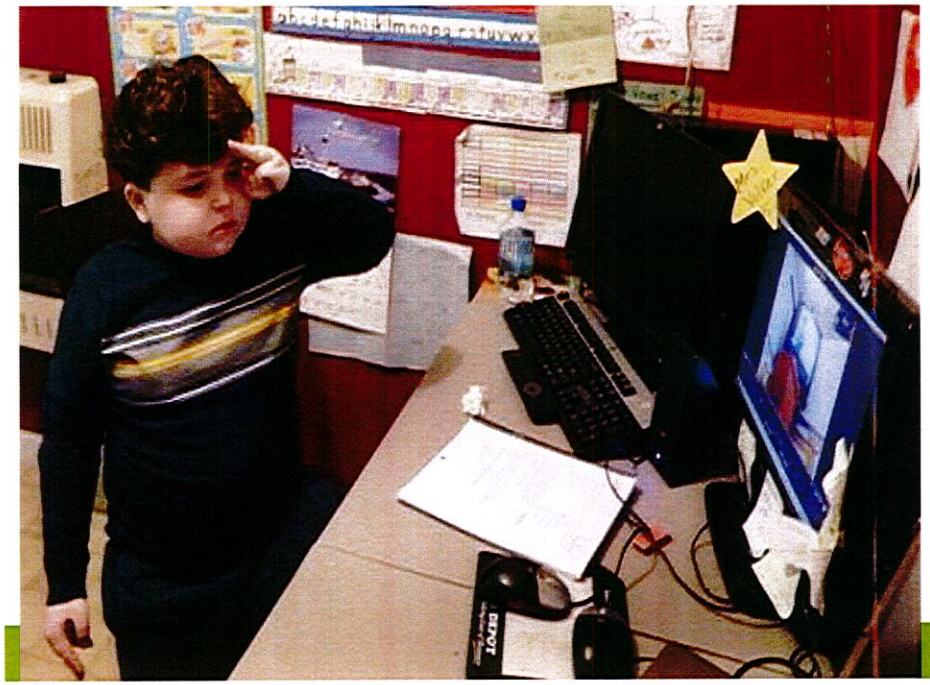


Texas Districts Using Vgo Technology

- Northside ISD, San Antonio Texas
- Knox City Schools, Knox City Texas
- Klein ISD, Houston, Texas
- Brenham ISD, Brenham, Texas

Overview

- 100% remote controlled by student from home or alternate location
- Setup is quick and easy
- Two-way audio/video communication
- Device is easily maneuverable and portable



- Program compatible to PC or Mac
- Lightweight
- Up to 12 hours on a single charge
- WiFi

The VGo Educational Experience

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Student connects to VGo.
Student video image displayed on screen.
Live Communication begins

3

Student sees and interacts with remote site and moves around freely.

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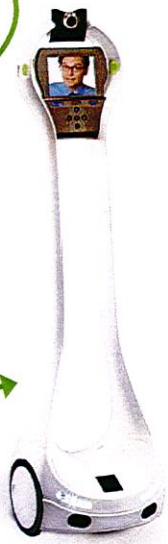
Student opens *VGo App*
Selects location
Accesses remotely

4

Student interacts **naturally**
Participates in classroom discussions & activities
Able to socialize just like being there!



With Vgo...

No call to a person or school needed.

The student connect right to the Classroom.

Video Testimonials

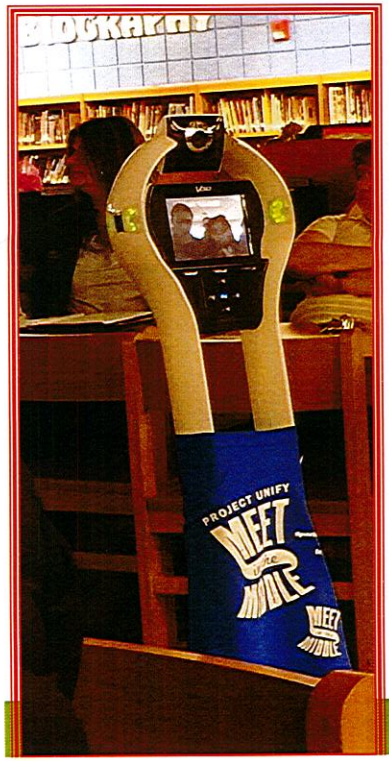
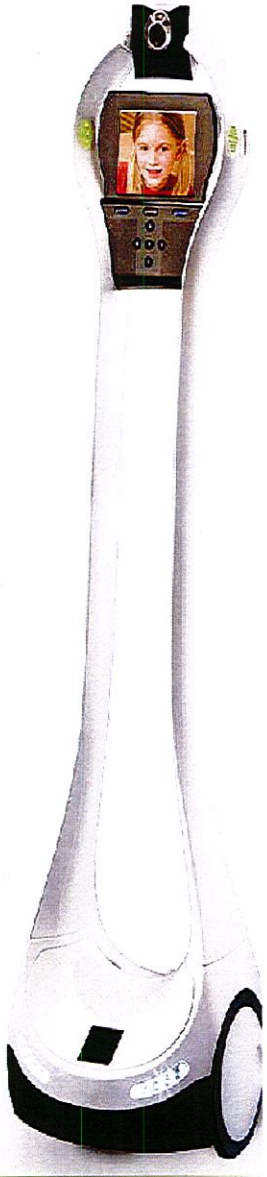
https://www.youtube.com/watch?v=JbE2UsHYnTY

https://vimeo.com/123269388

http://www.sabinepass.net/

https://www.youtube.com/watch?v=0MotBVF6-aM

http://www.khou.com/story/local/2015/03/19/12214908/

https://www.youtube.com/watch?v=4XOAEb2WO20

Thank You