



IES Sánchez Cantón students selected for the final phase of the 2017 TeenTech Awards

Initial steps

In November 2016 and in the framework of the KIKS project in which the Institute participates (<http://www.kiks.unican.es/>; <http://www.kiks.unican.es/i-e-s-sanchez-canton>) Held a videoconference with the British Alton Convent School (<https://www.altonconvent.org.uk/>). The videoconference focused on an Alton Convent student telling Spanish students about their experience in STEM (Science-Technology-Engineering-Mathematics) projects. The British student won, among others, the contest TeenTech last year, so her experience was considered valuable for students of the Center in general and especially those who participated in the project KIKS (<https://www.youtube.com/watch?v=DMFzk3ED93E>).

Before the videoconference, a teacher of Alton Convent School that collaborates with TeenTech (<http://www.teentech.com/>), proposed to the Center the possibility of presenting to TeenTech's management the participation of IES Sánchez Cantón in a new Category of the competition called "International". From the Center he was informed that this possibility could interest our students. After a few days, an email was received saying Maggie Philbin, CEO of TeenTech, was interested in the participation of students of the Institute in this year's TeenTech contest of 2017. Thus, the first non-British educational center invited to participate in TeenTech Has been IES Sánchez Cantón de Pontevedra. Subsequently, news came to the Center that TeenTech contacted agencies with close ties to European educational centers to disseminate the invitation to participate, in the "international" category, to non-British European centers (<http://www.elmenymuhely.hu/category/teentech/?lang=en>).

What is TeenTech?

TeenTech TeenTech is a non-profit organization founded in 2008 to help young people understand the job opportunities currently offered by the STEM (Science, Technology, Engineering and Mathematics) and generate interest in scientific and technological studies.

In addition, Teentech is closely linked to the business world and seeks for students to create or develop ideas that can become innovative products. For this reason,

each group of participating students, TeenTech associates a tutor or "mentor". This tutor is a worker who develops his professional activity in one of the multiple companies that collaborate with TeenTech and related to the object of the students project. It is also possible that the tutor is a university professor specialized in an area linked to the students' project. With this reason, the number of companies and universities that collaborate with TeenTech is very high.

In addition to funding TeenTech's many activities throughout the academic year (conferences, visits to companies and organizations, workshops, etc.), there are a number of companies that collaborate financially with TeenTech.

TeenTech enjoys great prestige in Britain and in the world. Thus, in 2010 TeenTech won the award for the best engineering event in the National Science and Engineering Week. In 2011 it was the only UK organization to receive a Google RISE award. In 2012, Maggie Philbin and TeenTech won the Best Communication and Outreach Award presented by UKRC / WISE. In 2016 Maggie was announced as the digital leader of the year and the most influential woman in the UK for her work with TeenTech. That same year was named official of the British empire.

In addition, TeenTech partners with the British Science Association's CREST awards. HE. The Duke of York is patron of TeenTech and TeenTech counts in the final phase with the assistance of people known in the cultural and scientific field.

Final phase of TeenTech

Once the registrations of groups of students in the contest were received in the month of November, the different groups had to send a summary or "Innovation log" of their project in the month of March. Based on these summaries, the TeenTech organization selected a maximum of three projects per category to exhibit their works at the Royal Society on June 26. There are 18 different categories for groups of students from 11 to 16 years of age and 3 for students from 16 to 18 (sixth form). Different groups exhibit their works in a stand and the jury of TeenTech decides which project is the winner in each one of the categories. The awards ceremony takes place in Buckingham Palace, probably in the month of October. Delivery is made by S.A.R. The Duke of York.

The finalist groups of IES Sánchez Cantón at TeenTech

In November, three student projects were registered, but only two sent the "Innovation log" in March. One of the groups is composed of three students of 3º of ESO and competes in the category of 11 to 16 years of age. The other group is made up of 5 students from 1st year of high school and compete in the category of 16 to 18 years old. In that second group, given the limits of the number of students imposed by TeenTech, administratively only 3 students out of 5 sent the "Innovation log". That, in any case, represents an administrative limit because TeenTech is open to the participation of work groups of more than three students, although only three can register as authors.

The group of 3º of ESO is carrying out a project based on the design of a solar lamp that allows to orient and incline the solar panel correctly. This optimizes the performance of the solar panel.

The 1st group of Baccalaureate is developing directional microphones. It includes a specific section dedicated to the development of a directional microphone for people with hearing impairments, which would solve the problem of hearing aids in closed rooms where conferences, colloquia, etc. are held.

Last Thursday, April 11, the communication was received by TeenTech that both projects were selected for the final phase of London. The 3rd group in the category "International" and the 1st of Bachillerato in the general category for British students to the best innovative project - model, app, website or prototype (Best Innovation - Working model, app, website or prototype).

Fotografías:



Lauren Shea durante la videoconferencia con el IES Sánchez Cantón en Noviembre



Lauren Shea con su premio en 2016



Maggie Philbin durante la fase final de TeenTech



Photocall de finalistas



El Duque de York visitando los stands de los finalistas



Stephen Fry en la fase final



James May en la fase final



Brian Cox en la fase final



Stand de finalistas



Entrega de premios

Prensa



Pontevedra Viva. 13-11-2016



Diario de Pontevedra. 14_11_2016



Faro de Vigo. 14-11-2016



Videoconferencia con Gran Bretaña en el IES Sánchez Cantón. La iniciativa de ayer se enmarca en el proyecto KIKS. Lauren Shea, alumna del Alton Convent School, habló con estudiantes. FOTO RAMÓN LEIRO

La voz de Galicia. 16-11-2016



Skype une a los alumnos del Sánchez Cantón con Gran Bretaña

Una videoconferencia unió ayer a estudiantes británicos, sevillanos y del IES Sánchez Cantón en torno al proyecto Teen Tech, en el que participa el centro pontevedrés. >15



TRANSACCIONES S.A. S. de RL, 17 de noviembre de 2011



El IES Sánchez Cantón, único centro no británico que participará en el Teen Tech

► Alumnado de 1.º de Bachillerato presentará un proyecto de Matemáticas al concurso de ciencias organizado por la entidad anglosajona.

CALL YOUR

INOVATIVOS. El IES Sanitas Castán será el primer centro en iniciar una participación en el programa I+D+i, una iniciativa que por primera vez unirá a centros y centros educativos, transformando y ampliando potenciales al estudio de las ciencias entre los más jóvenes.

Así lo expresan Aída Juárez, presidenta Chon, Carlos Argüay, Esther Busa y Daniela Perdomo de los estudiantes que ya participaron en una videconferencia con la británica Laura Shaw. Esta joven, de 18 años y 17 años de edad, ha recibido varios premios en su país, entre ellos la Trazalada y el Ashleigh Smith y le interesa la protección del medio ambiente, especialmente por la erosión de nuestra ciudad.

FLUIDEZ EN INGLÉS. Esta primera parte, que se desarrolló en español, analiza cómo es el proceso de la persona realizando un

Origen
Un proyecto
surgido de un
Erasmus +

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proyectos de investigación sociológica. En la segunda parte se abordan temas de preguntas en el que los profesores visitados y auxiliares, con base en un problema teórico, la hipótesis, algunas preguntas en la literatura, algunos puntos de discusión, la metodología utilizada, los resultados y conclusiones. Su interacción su interacción con sus colegas académicos y profesores de otras disciplinas.

La videoconferencia fue organizada en un video chat en el formato de un portal de Internet (<http://www.aulavirtual.com>) y se le acompañaron de una guía de actividades a desarrollar por los alumnos. Varios estudiantes del primer ciclo de la carrera de Ingeniería de Alimentos, en un perfecto inglés, le transmitieron a la profesora los sentimientos que les despertó la comprensión y la búsqueda de las causas y consecuencias de la contaminación de su tiempo. Así como mostraron el papel que la

Sobre o potencial de uma economia do Tercer Terço, os governos insistem que o importante é participar, sempre e quando possível, de resultados e benefícios da economia globalizada. No entanto, não se pode esquecer que o grande desafio é

Diario de Pontevedra. 16-11-2016 (Portada)



Farolas solares inteligentes y un micrófono direccional para conquistar Gran Bretaña

► Dos grupos de estudiantes del IES Sánchez Cantón competirán en el Teen Tech, un concurso de tecnología para jóvenes.

► Aprender a trabajar en equipo y organizar el tiempo son otras lecciones que aprenden al margen del inglés, la física y las matemáticas

nos achetés. En el momento de la compra, el comprador debe tener en cuenta que el precio de venta de los productos de la tienda es el precio de venta al público, no el precio de venta al por mayor. Los precios de venta al por mayor son los que se aplican a los productos que se compran en grandes cantidades. Los precios de venta al por mayor son los que se aplican a los productos que se compran en grandes cantidades.

rido de la longitud y la latitud de parajes que se encuentran. «Es un catálogo preciso que ha estudiado la familia, en función de la edad de los de la familia se colocará el punto», señala la profesora García, «y así sus hijos van pasando de uno a otro, pero no pueden cambiar la información, por lo que se les indica la misma energía. No son la misma hora de luz ni la misma latitud. Cada poco Pineda y los estudiantes, a veces en las actividades, se definen, se sitúan y se aproximan al mismo nivel de energía».

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Diario de Pontevedra. 29-3-2017