



STEM WITH ARTS

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Led's Dance

Led's Dance was developed for an inclusive talents project whose goal is to awaken STEAM vocations among young people while solving technological challenges posed by people with cerebral palsy.

We have created a performance that combines music and light so that it is attractive for the viewer. The artists (dancers, actors, etc.) wear suits with LEDs whose lightning is controlled remotely by means of Arduino devices.

The project is stimulating for the students because it combines both artistic and technical skills: design and sewing of the costumes, composition of the choreography of lights according to the rhythm of the music, hardware connections and programming of the controlling devices.

We should find ways to get science to the people. One of the main incentives of this project is that it is cool for both girls and boys, so that it contributes to fight against gender roles in the STEAM field.



We should look at art and science as inseparable parts of human expression.