

Team Members

Cameron Charbonnet
ccharbo@tulane.edu

Rachael Dula
rdula@tulane.edu

Dave Siet
dsiet@tulane.edu

Preston Smith
psmith4@tulane.edu

Background

The Chartwell Center is a specialized school in New Orleans catering the needs of autistic children of all ages. The teachers of the Chartwell Center expressed a need for a device that would aid in calming overly excited children. Our project is specific to elementary students who often become over-stimulated and are in need of a soothing device to keep the classroom functional.



TEAM HANDICAPABLE

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Project Goals

Design a tool that will function as a calming device for autistic children at the Chartwell Center in New Orleans. The gliding chair will aid the teachers in keeping the class organized and effective and allow them to maintain structure.

The chair will be placed in a quiet corner of the classroom where students will be able to utilize it as needed without further distraction to the rest of the class.

Solution

Our solution to the initial problem was to implement a gliding chair in the classroom which would be motorized and can be utilized by each and every student. The device is designed so that the teacher will be able to control the chair easily and so that it will be safe and enjoyable for all the students.

Design Scheme

The chair was bought and a motor was attached to the chair to allow smooth and consistent motion. The motor is attached to the chair and the entire device is safe and useful to every student.

The chair was designed so that the teacher will be able to control the power switch and so that the motion of the chair is perfect for optimal relaxation and leisure.