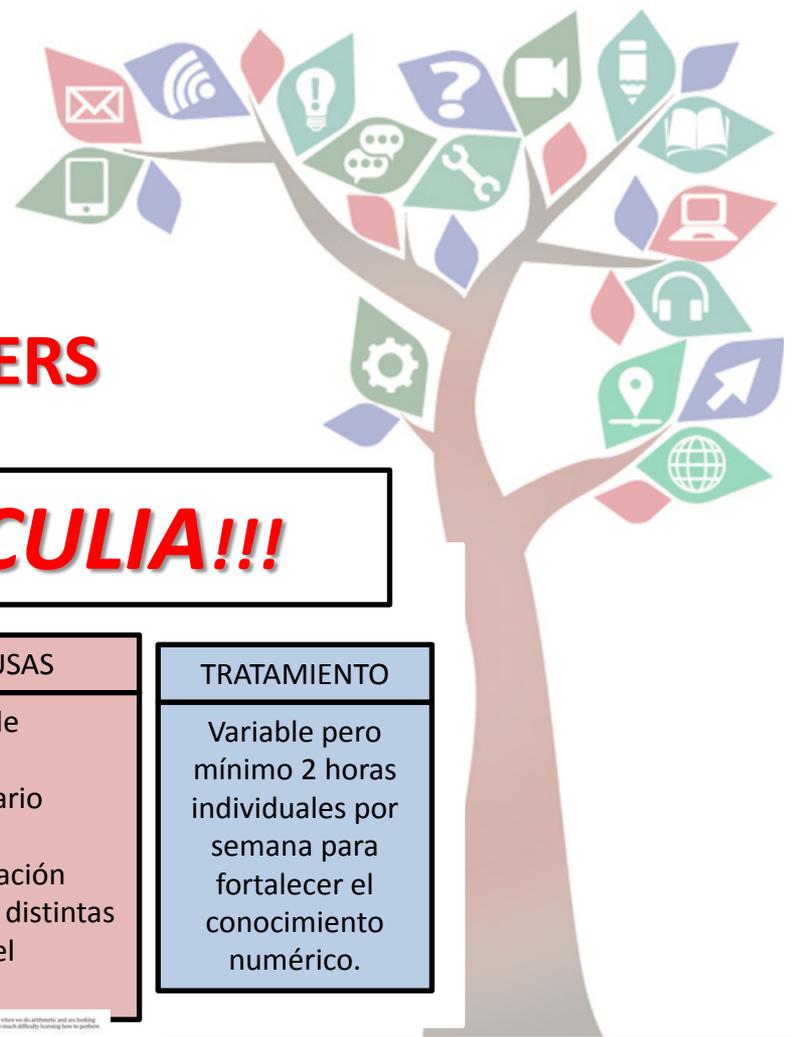




Burgos

FIRST® LEGO® League



# LEGOHACKERS

Proyecto científico del equipo:

## AYUDEMOS CON LA DISCALCULIA!!!

### QUÉ ES?

Problema para el aprendizaje de las matemáticas



### QUIEN LO PADECE?

Afectados por parálisis cerebral o daños cerebrales



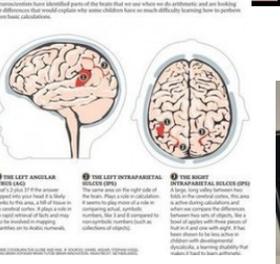
### EN QUÉ CONSISTE

En la dificultad de aprendizaje de conceptos y cálculos matemáticos



### CAUSAS

-Déficit de atención  
-Hereditario  
-Mala comunicación entre las distintas partes del cerebro



### TRATAMIENTO

Variable pero mínimo 2 horas individuales por semana para fortalecer el conocimiento numérico.

### NUESTRA MEJORA!!!



The results that result... researchers have identified parts of the brain that we see when we do problems and are looking for the differences that would explain why some children have so much difficulty learning how to perform even basic calculations.

THE LEFT ANGULAR GYRUS (L-AG) What's 2 plus 3? This problem... THE LEFT SUPPLEMENTARY MOTOR CORTEX (L-SMC) The same area on the right side of the brain... THE RIGHT SUPPLEMENTARY MOTOR CORTEX (R-SMC) A large, long valley between the... THE LEFT SUPPLEMENTARY MOTOR CORTEX (L-SMC) When we compare the differences between the two sides of the brain... THE RIGHT SUPPLEMENTARY MOTOR CORTEX (R-SMC) When we compare the differences between the two sides of the brain... THE LEFT SUPPLEMENTARY MOTOR CORTEX (L-SMC) When we compare the differences between the two sides of the brain... THE RIGHT SUPPLEMENTARY MOTOR CORTEX (R-SMC) When we compare the differences between the two sides of the brain...