



# ICT IN SPECIAL EDUCATION

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## OUR CENTER

- Special education center in Thessaloniki.
- Each year we approximately see more than 100 children.
- Our team is consisted of 15 therapists (speech therapists, occupational therapists, special educators, psychologists and physiotherapists).
- Also we participate in **NAO project: *Social Robots in Special education.***





## SELF-REGULATION CLASSROOM





## OBSERVATORY





## VIRTUAL REALITY





## SENSORY BALL POOL





## OCCUPATIONAL CLASSROOM



## "SOCIAL ROBOTS: HOW THEY CAN CONTRIBUTE TO THE AUTONOMY OF INDIVIDUALS IN SPECIAL EDUCATION"

- Let's see what **autonomy** is.
- A person is considered to be autonomous when he or she is fundamentally motivated and able to act in an autonomous way.
- Autonomy is a basic part of many daily activities such as decision-making, achievement, problem-solving, self-management and self-awareness.
- Children and adults experience autonomy when they find themselves as the initiators of their own actions and when they are governing their selves.



# What happened over the past years in schools?

- This methods made those pupils feel helpless and experience **low self - esteem** and **stress** in school environment.
- They were constantly facing failure and rejection from their classmates just because of the “**bad student stigma**”.
- No inclusive intervention managed to completely vanish it.



- **Social robots** are able to bring multisensory performance during class that includes sound, move and interaction with pupils.
- They help them learn faster and understand deeper while they're having fun in a really creative and effective way.
- They don't see it as a «job» at all.



## THE FUTURE RONNI PROJECT

- RONNI project could potentially helps with:
  - a) pupils succeed autonomy on a learning level and improve their relationships with classmates
  - b) in long term this study will lead us to find new ways of helping adults with low functional autism or mental retardation succeed **a semi - autonomous living.**



# CONCLUSION

- My mission is to positively affect the lives of the young ones, motivate, educate and inspire them to realize the tremendous potential that lies within them.
- We can succeed an amazing, innovative transformation in special education, with the right guidance and technology tools that will allow kids to be able to make the right decisions in life and grow into a safe adulthood.



Thank you for your attention !!!

