



Digital tools for inclusive education

SPEECH THERAPIST ŽANETA BURBULEVIČIENĖ

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Each person has unique needs

- ▶ voice therapy,
- ▶ feeding therapy,
- ▶ alternative communication system,
- ▶ games,
- ▶ use of gestures and symbols
- ▶ other innovative and interactive speech therapy tools

Interactive games are an integral part of modern childhood

- ▶ Learning through Play
- ▶ Development of Cognitive Skills
- ▶ Enhancing Creativity
- ▶ Social Interaction
- ▶ Adapting to Technology
- ▶ Improving Motor Skills
- ▶ Personalized Learning
- ▶ Educational Content
- ▶ Problem-Solving and Resilience
- ▶ Emotional Regulation
- ▶ Accessibility

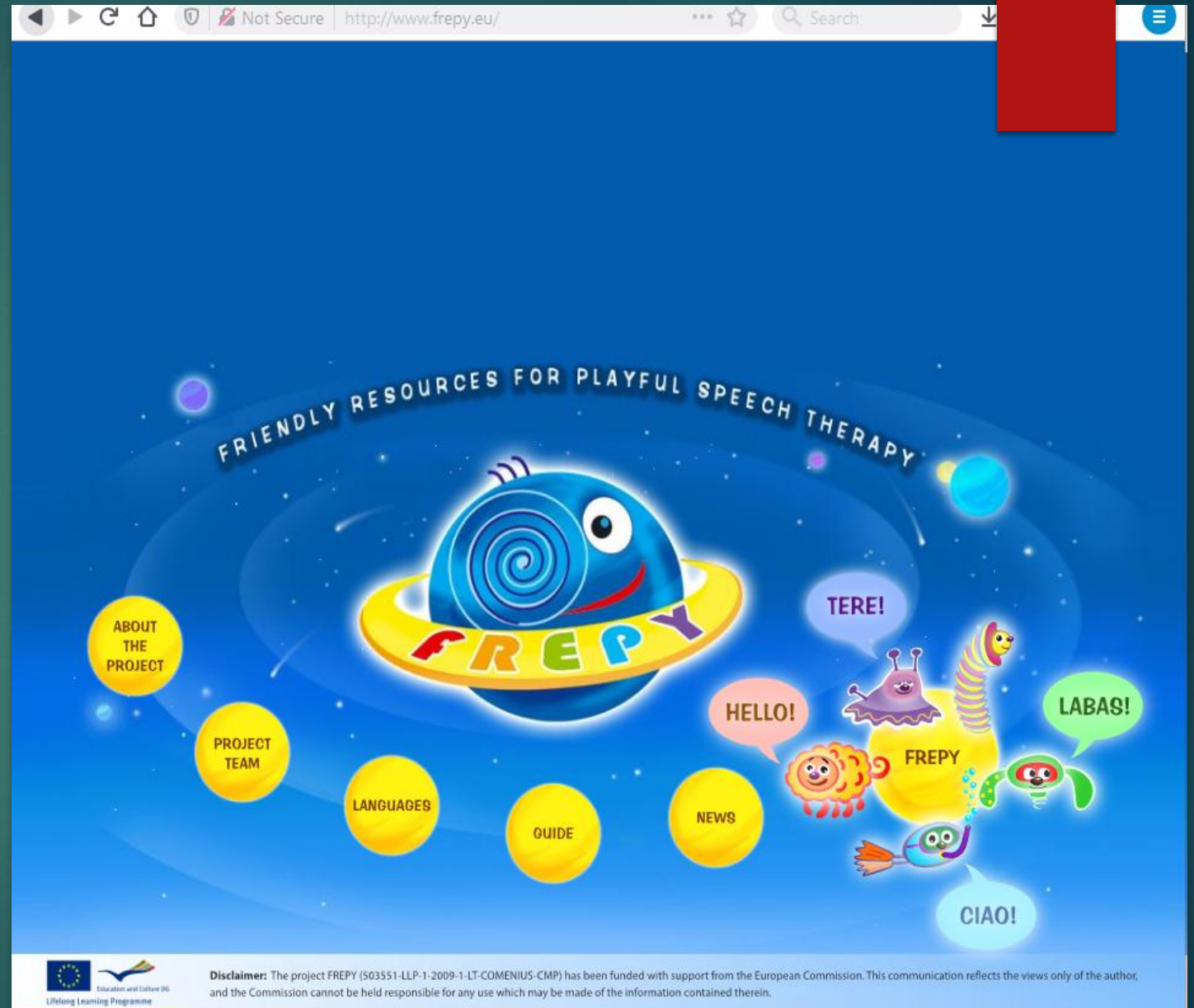


“Frepy” – friendly resources for playful speech therapy.

► <https://www.frepy.eu/planeta/>

Game objectives:

- form phonetic, lexical, semantic and grammatical knowledge of the language,
- improve the cognitive process and reading skills



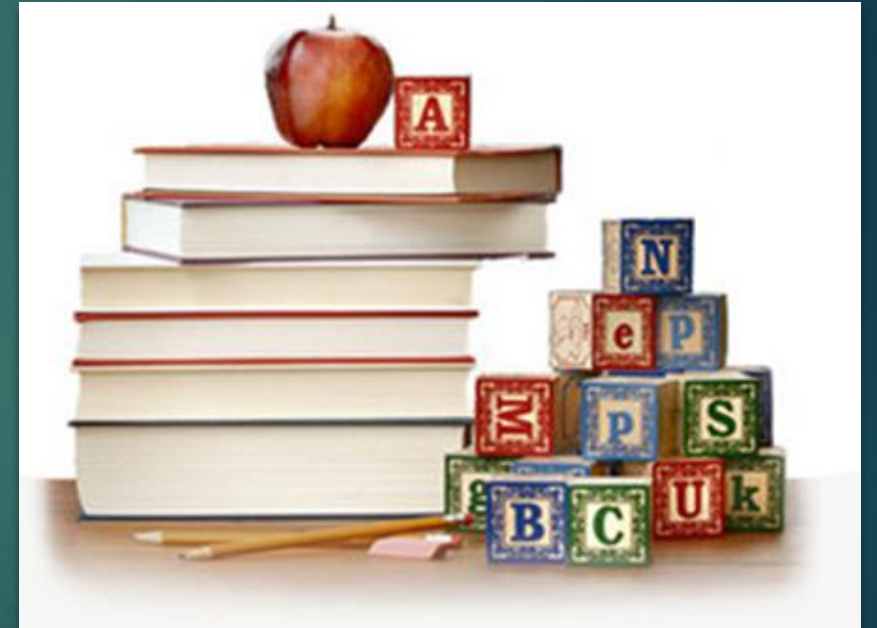
Types of games

- (1) vocabulary enrichment,
- (2) grammatical language structure refinement,
- (3) improvement of storytelling skills
- (4) formation of reading skills.



Games for vocabulary enrichment:

- ▶ „Edible – inedible“
<https://www.frepy.eu/games/Frepy1lt/>
- ▶ „Shop“
<https://www.frepy.eu/games/Frepy2-1lt/>
- ▶ „Train“
<https://www.frepy.eu/games/Frepy5lt/>
- ▶ „Mining“
<https://www.frepy.eu/games/Frepy15lt/>



Games for forming the grammatical structure of the language:

- ▶ „Colors“
<https://www.frep.py.eu/games/Frep.py13lt/>
- ▶ „Many or little?“
<https://www.frep.py.eu/games/Frep.py16lt/>
- ▶ „Passengers“
<https://www.frep.py.eu/games/Frep.py10lt/>
- ▶ „Fun Bags“
<https://www.frep.py.eu/games/Frep.py8lt/>
- ▶ „House“
<https://www.frep.py.eu/games/Frep.py12lt/>
- ▶ „Yes and No“
<https://www.frep.py.eu/games/Frep.py18lt/>
- ▶ „Treasure“
<https://www.frep.py.eu/games/Frep.py20lt/>



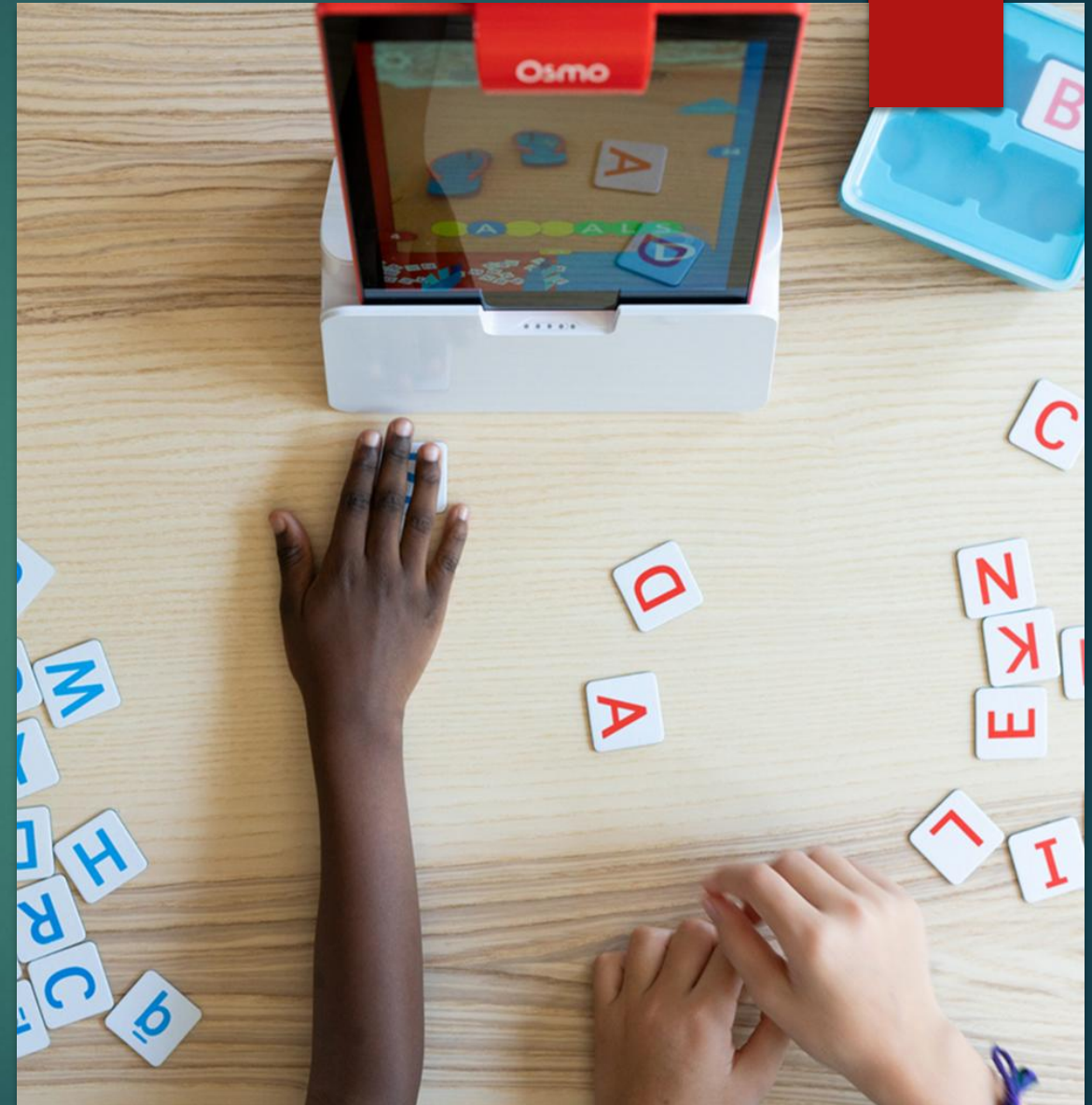
Games to improve storytelling skills:

- ▶ „Yes and No“
<https://www.frepy.eu/games/Frepy18lt/>
- ▶ „Funny Stories“
<https://www.frepy.eu/games/Frepy19lt/>
- ▶ „Who does what?“
<https://www.frepy.eu/games/Frepy11lt/>



Games to develop reading skills:

- ▶ „Clouds“ <https://www.frepy.eu/games/Frepy4It/>
- ▶ „Strange Porridge“ <https://www.frepy.eu/games/Frepy3It/>
- ▶ „Nonsense Soup“ <https://www.frepy.eu/games/Frepy3It/index2.html>
- ▶ „Fish Tail“ <https://www.frepy.eu/games/Frepy6It/>
- ▶ „Bugs“ <https://www.frepy.eu/games/Frepy7It/>
- ▶ „Sea Devil“ <https://www.frepy.eu/games/Frepy17It/>
- ▶ „Danger in the Sea“ <https://www.frepy.eu/games/Frepy17It/index2.html>
- ▶ „Scarecrow“ <https://www.frepy.eu/games/Frepy9It/>
- ▶ „Straw Hat“ <https://www.frepy.eu/games/Frepy9It/index2.html>
- ▶ „Swamp“ <https://www.frepy.eu/games/Frepy14It-/>



„EduSensus“ Digital Resource Kit

- ▶ „Logorithmics“
- ▶ „Logogames“
- ▶ „Word games“
- ▶ „Look and tell“
- ▶ „Talking pictures“
- ▶ „Step by step“



WORD GAMES

- Develops children's active and passive vocabulary.
- Develops grammatically correct coherent language.
- Develops logical thinking.
- Can be used to prevent speech and language disorders.
- There is a possibility to print assignments.

1. Listen and name
2. Emotions
3. Graphic dictations
4. Nouns
5. Verbs
6. Adjectives
7. Multi-step instructions
8. Antonyms
9. Recognition of objects and colors
10. Complete sentences
11. Sequence of events
12. Communication on various occasions
13. Dialogues



LOGARITHMIC



LOGOMOTORIC
EXERCISES



LISTENING
EXERCISES



VERBAL AND
MUSICAL EXERCISES



LOGO GAMES

- Encourages children to pronounce sounds and words, teaches correct breathing, develops speaking fluency and rhythm, intonation.
- Enables hearing-impaired children to "see" their own voice on the screen.
- Helps children learn to control the volume of their voice.



SEE AND TELL

1. Toys	2. Musical instruments	3. Parts of the body and face	4. Colors	5. Animals of Lithuania
6. Animals of distant lands	7. Pets	8. Home	9. Items used daily	10. Prepositions
11. Pronouns	12. Furniture	13. Learning tools	14. Clothing and footwear	15. Electrical devices at home
16. Weather	17. Family	18. Fruits and berries	19. Vegetables	20. Vehicles
21. Time	22. Emotions	23. Adjectives	24. Adverbs	25. Sweets
26. Food and drinks	27. Professions	28. Sports	29. Thematic dictionary	30. Verbs



TALKING PICTURES

It develops:

- breathing;
- voice;
- prosody;
- auditory perception;
- phonemic hearing;
- voice apparatus coordination;
- articulation.

List of categories:

1. Animals
2. Musical instruments
3. Vehicles
4. Home
5. Nature
6. Colors
7. Location
8. Antonyms
9. Aliens on Earth



STEP BY STEP

The program consists of 6 parts for use throughout the year:

- ▶ Spring,
- ▶ Summer,
- ▶ Autumn,
- ▶ Winter,
- ▶ Lily Day,
- ▶ At Home
- ▶ on the Playground.

Areas of child development are developed:

- Language;
- Hearing;
- Social skills;
- Pronunciation and separation of sounds;
- Logical thinking;
- Problem solving;
- Etc.

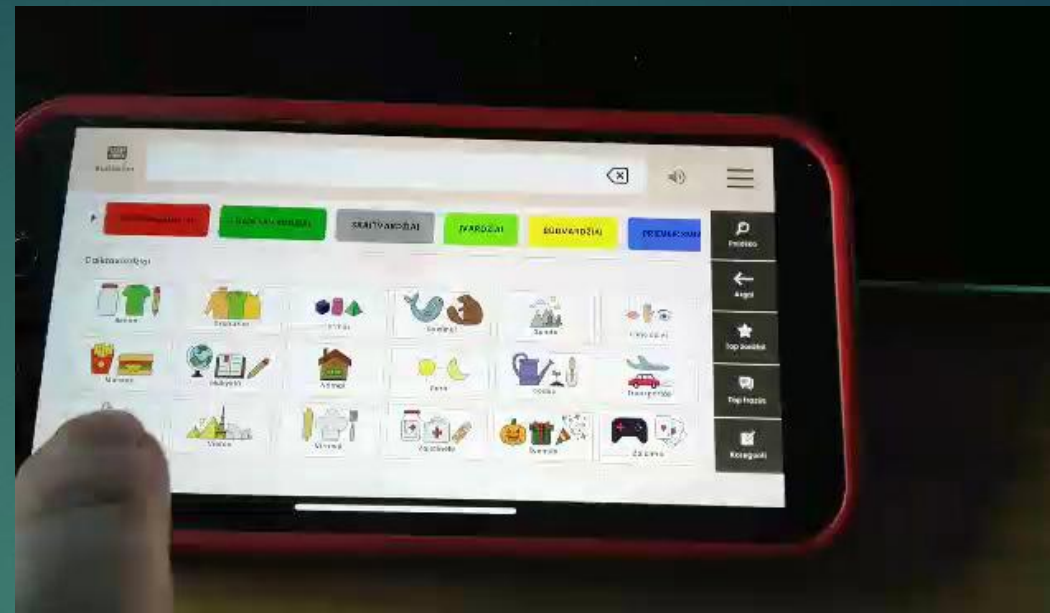


SpeakTX

<https://speaktx.com/It/pradzia/>

- ▶ The platform can be used on different devices and in different locations. They help to personalize speech therapy exercises (classes), provide flexibility and greater control over the performance of tasks.
- ▶ Interactive tasks are created by international teams of experienced speech therapists.
- ▶ Speech therapy exercise plans.
- ▶ Individual speech therapy exercise plans and classes to achieve individual goals.
- ▶ Video consultations.
- ▶ Connects specialists with customers via video call.
- ▶ Creating tasks.
- ▶ Create your assignments using a wide media pool.





Just because a person can't talk doesn't mean they don't have anything to say.



Tidy your room

Why am I doing this?
(Purpose)

So it will be easier to find your things and clean the room

How do I do it?
(Method)

You start with putting your clothes away or if dirty in the hamper. Then you put your books back on the shelf and then put your Lego in the boxes and put them in the closet.

When do I do it?
(Time)

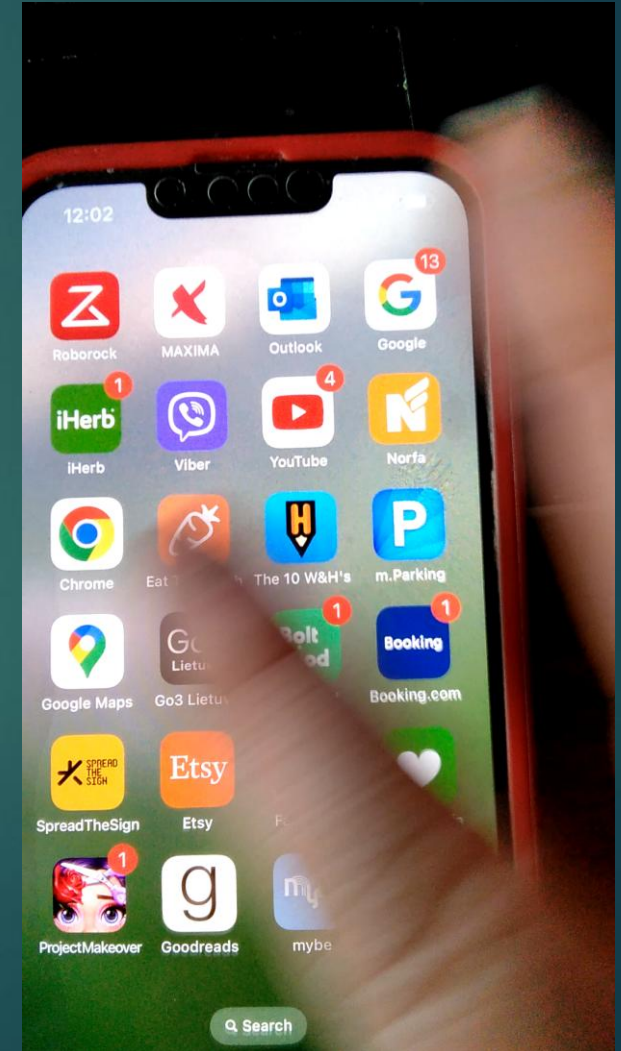
11:30 am

Where do I do it?

23:53 81%

The 10 W&H's

- Visit grandma and grandpa
30.04.2022 23:53
- Test in school
30.04.2022 23:52
- Trip to the Zoo
30.04.2022 23:52
- Clean the bathroom
30.04.2022 23:51
- Tidy your room
30.04.2022 17:28



10 W&H's

Mybe and Bubbles

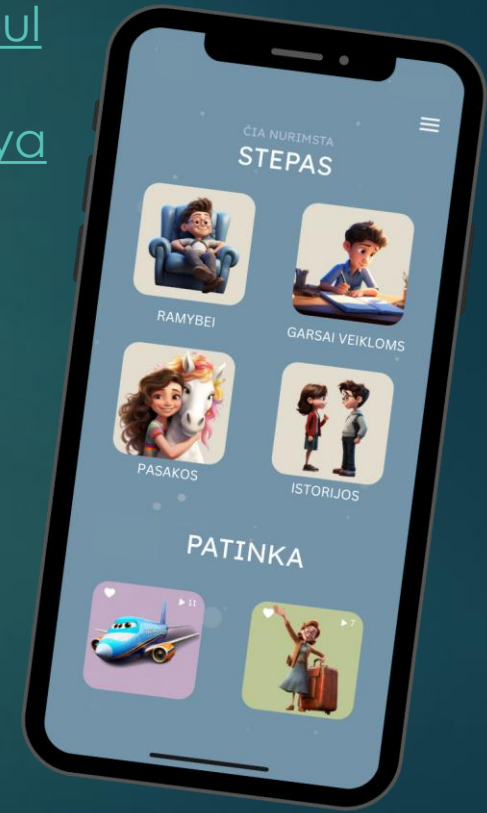
<https://www.mybe.lt/>

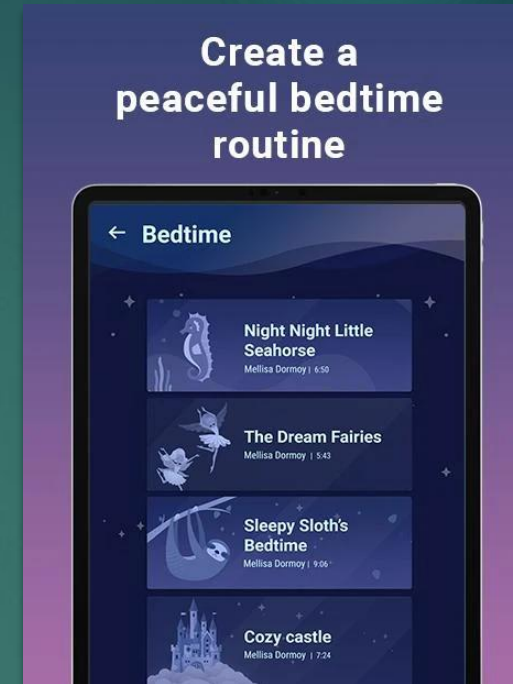
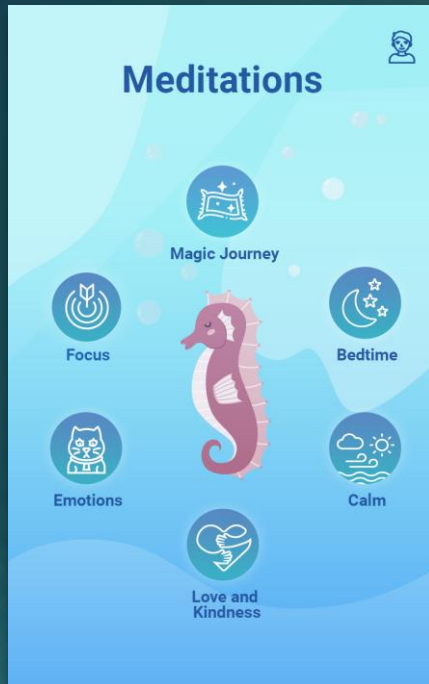
- ▶ Bedtime stories help children fall asleep in minutes.
- ▶ Calmness practices teach children to concentrate, react to strong feelings, sadness, stress.
- ▶ Compositions of nature sounds and melodies created by a music therapist calm children.
- ▶ Fairy tales develop imagination and language.

https://sites.google.com/view/burbulaiapp?fbclid=IwAR0-WWhZBmVbMmi4Qy6s6a7dtxJ5LnnyazJToYEfPUNFt9S_5lcPcKGgr0

Here are the audio recordings:

- ▶ for peace, sleep,
- ▶ activities,
- ▶ for the development of imagination and socialization.





Piku - Calm Kids

- <https://play.google.com/store/apps/details?id=com.kadadesigns.pikuus&hl=t&gl=US>

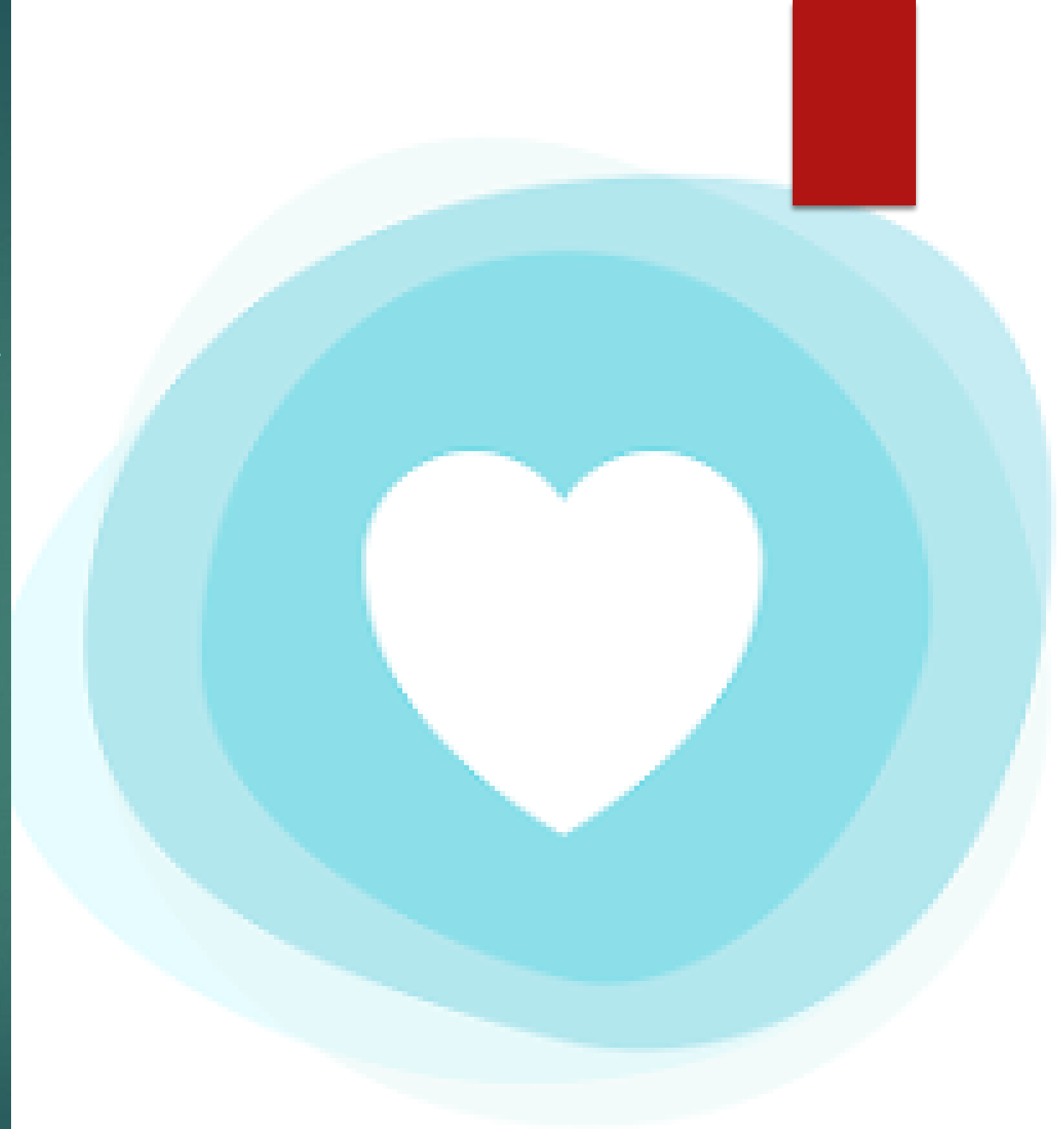
Calm

<https://play.google.com/store/apps/details?id=com.nerimoklinika.ramu>

<https://apps.apple.com/us/app/ramu/id1463319121?ls=1>

You can:

- Stop a panic attack faster and more efficiently;
- Understand how a panic attack develops and how it relates to the body and psyche;
- Check whether your beliefs about panic attacks are scientifically based;
- Learn new calming and relaxation skills;
- Go deeper and analyze your personal experience of panic.

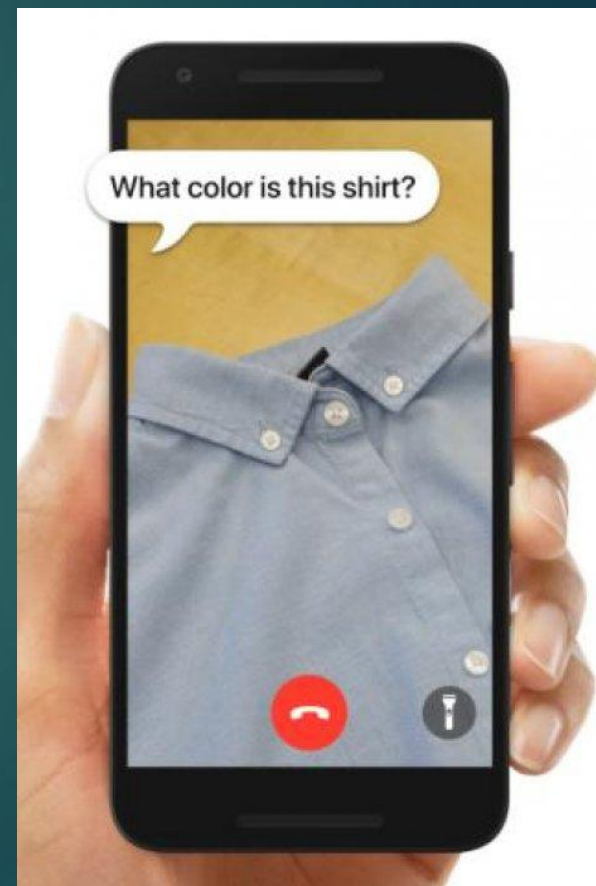
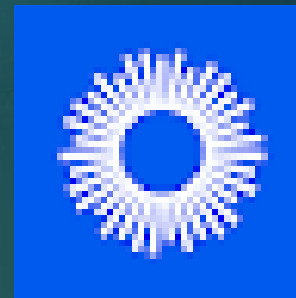


Be My Eyes - Helping the blind

Lend your eyes to a blind person in need through a live video connection or be assisted by the network of sighted users.

Be My Eyes is all about contributing and benefiting from small acts of kindness, so hop on board and get involved!

Blind or visually impaired users can request help from a sighted volunteer, who will be notified on their phone. As soon as the first sighted user accepts the request for help, a live audio-video connection will be set up between the two parts. The sighted helper can



Remember that every child is unique, so it's important to create personalized learning environments where they can reach their full potential.

