

Why VISTE?

Spatial thinking is a blending of knowledge and skills which supports people in identifying, interpreting and visualizing location, distance, movement, change patterns and trends through space.

For VI students, access to the geographic world is limited and the environment they are able to perceive has relatively few location clues.

Spatial thinking is considered as a critical compensatory skill for VI students. It fosters their mobility, independence, academic progress and by extension, their social integration and future professional development.

Spatial thinking constitutes a crucial skill both for sighted and VI students and it presents an excellent case for cultivating collaborative learning of sighted and VI students across different subjects, grade levels, curricula and learning scenarios.

VISTE Consortium



NATIONAL TECHNICAL
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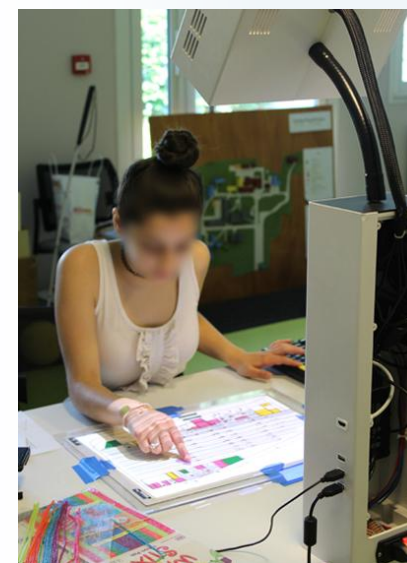
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Project Erasmus +

“Empowering Spatial Thinking of Students with Visual Impairment”



Co-funded by the
Erasmus+ Programme
of the European Union



VISTE aims at:

- (1) Addressing the unique needs of VI students in enhancing their spatial skills,
- (2) Cultivating these skills within collaborative activities with sighted students, to foster inclusion within mainstream education.

Project main objective:

To provide:

- an innovative methodological framework,
- a technical infrastructure (in terms of an educational platform and an augmented reality tool),
- a knowledge infrastructure (in terms of resources, educational scenarios and learning activities)

to support teaching spatial thinking in collaborative, inclusive settings.

Join VISTE activities

- Register and be part of the VISTE Community
- Contribute with your expertise and make use of the available content
- Join the VISTE seminars, hands-on workshops, conferences.

Target groups

- Students of upper primary and secondary education (11-15 years old)
- Teachers
- Teachers' trainers
- Other staff involved in education.

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<https://www.researchgate.net/project/VISTE-Empowering-spatial-thinking-of-students-with-visual-impairment>

The expected outputs of the project

- (1) The VISTE inclusive educational framework for spatial thinking of students with VI
- (2) VISTE spatial thinking educational components
- (3) The VISTE innovative ICT toolkit
- (4) The VISTE guide of good practice for policy recommendation
- (5) Training and dissemination.

Contact us

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