Tandem learning has been known in language learning methodology for a while, yet, it is still to be explored to its full or to be rediscovered as a means to enhance learner motivation to learn languages. Based on the principles of autonomy and reciprocity, the method provides a different way of learning a foreign language, whereby the process is organised and planned solely through collaboration between tandem partners. The freedom to choose time and place, duration and pace, topics, learning material and medium makes them motivated autonomous collaborators seeking to improve their foreign language skills, but gaining much more: intercultural communication, learning in collaboration, learning to learn, IT and other important competences. Learning from a native speaker triggers enthusiasm and curiosity, while lessons occurring in the specific form (strictly divided into two parts, each dedicated to learning a partner’s language or teaching a partner one’s language) and in a friendly environment (at home, a cafeteria, a dormitory or a park) liberate language learners from formal school or university environments and provide additional motivational drive to their learning process. This factor should be taken into consideration by educators whose task is to teach by attracting and engaging those who belong to different generations, i.e. generation “y”, active users of languages and technologies, and generation “z” – beyond any limitations and standards, independent and unique individuals. The presentation provides an overview of key aspects in tandem language learning: the underlying principles, tandem partners, their roles and responsibilities, the process setting. The attractiveness of the method to the changing nature of language learners is emphasized.