



# EFFECTS AND CONSEQUENCES OF TECHNOLOGY ON LEARNING AND INNOVATIVE EDUCATIONAL STRATEGIES

Giusi Antonia Toto University of Foggia, Italy,  
*[giusy.toto@unifg.it](mailto:giusy.toto@unifg.it)*





Many of the studies conducted so far, although not validated in the literature, suggest that Internet abuse would be related to dysfunctional and compulsive behaviors, tolerance and impoverishment of the functioning of the individual. This increases the risk of the onset of feelings of loneliness, depressive moods and low self-esteem.





The purpose of this article is to examine some aspects of the positive and negative effects of technology in education and socialization of today's adolescents and the opportunity to use technology during text comprehension tasks (in this case on a geographical track) through a pilot study on Italian adolescents (age  $m = 12.11$ ).

---

---



Methodologically, in the first part of the document, a systematic review of the literature of the issues presented in the second part of the experience described, tools used and results obtained was carried out. The conclusions of this research are that the way to overcome the problem of the negative effects of technology is to exploit its educational potential, finalizing it to the construction of meanings and social relationships. In the study conducted, the students took into consideration the use of the highly motivating and stimulating technological tool even if, the general interpretation was better in the print texts than in the digital reading.

---

---



Positive effects	Negative effects
Used in higher school settings	Scarce use in the fields of well-being, health and psychopathological risk in adolescence
To motivate students	Scarce precision of localization
Used in humanistic disciplines and science	Scarcity of equipped laboratories and suitable tools
Social relationships and a sense of affiliation	Scarce studies on single subjects, on individual differences or on special needs of students
The formative success	The difficulty in selecting the useful information on web





Preferences for medium.	male	female
Digital	33,40%	45,40%
,Print	50,00%	54,50%
No Difference	16,60%	9,10%