



## COGNITIVE FACTORS IN LANGUAGE LEARNING: APTITUDE AND INTELLIGENCE

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### ABSTRACT

This observes is Cognitive elements in Second Language Acquisition: A Study in English Faculty of Ba Ria Vung Tau University (BVU). Among all elements that make a contribution to the acquisition method of 2nd language learners, this observe mainly makes a speciality of cognitive elements specifically Intelligence; Language aptitude; Language studying techniques which contain the paintings of human belief and cognition for the duration of the studying period. it's tired a people Faculty of BVU, wherein cognitive technique to linguistics appears to be a surprisingly new material that incorporate additionally exploration. The results display that maximum college students right here can't absolutely realize country language thanks to the actual fact they miss out on the roles of intellectual potential of their research. Built upon the framework of a number of theories concerning a pair of elements in 2nd language acquisition and cognitive views, this observe features a strong basis made of preceding research and objectives to delve deeper into sure aspects or broaden better foundation for the analytical paintings. Both qualitative and quantitative strategies are wont to collect information because the studies are predicted to be a brilliant mixture of series strategies, with a purpose to get an entire view within the direction of the studies material. This becomes mainly completed via way of means of undertaking surveys, questionnaires, interviews, and observations. After that, applicable theoretical views are applied in helping the statistical and thematic strategies for information analysis. The closing cause isn't handiest to help college students of the English Language Faculty conquer their problems in studying a 2nd language, however additionally to maximise the coaching first-class of the coaching workforce during this school with greater powerful pedagogical techniques.



## KEYWORDS

Cognitive factors, intelligence, language aptitude, language learning strategies, second language acquisition.

## INTRODUCTION

The position and meanings of the phrases intelligence and flair as they were used in language acquisition (SLA) discourse are widespread for surely all factors of SLA. If it have been the case that best people with what for the instant might be known as distinctly excessive innate abilities are capable of come to be enormously gifted in a 2d language, then it can be practical to set up instructional applications primarily based totally in this fact. If, alternatively, it seems that highbrow abilities aren't predictive of fulfilment with a 2d language, the pedagogical ramifications are truly pretty different. Similar widespread effects observe for different factors inside the area of SLA. To point out only a couple, it's miles likely that an enriched information of innate potential will end result each in changes of theories approximately how 2d languages are discovered and greater powerful approaches of coaching them. If it seems that people showcase sure styles of highbrow ability, it can be viable to plan a pedagogy that caters to those styles and outcomes in greater powerful coaching. After an preliminary dialogue of the historical past and cutting-edge popularity of studies on innate abilities in SLA, the undertaking will flip to ascertaining exactly what SLA researchers suggest by aptitude and intelligence. Now We have to understand approximately definition of intelligence and flair.

### Intelligence

Over the centuries human beings were capable of take a observe that they fluctuate from each other of their talents to think, to understand, to resolve problems, in

addition to within side the diploma of correctness in their picks and selections they make. Changeability and balance of human cognitive powers are the principle elements to activate psychologists towards a perception that there exists a hidden characteristic in people liable for them. It will become to be regarded as “intelligence”, from the Latin word “intelligentsia” – capacity to understand, brightness of the mind.

### Aptitude

The number one purpose of schooling is to put together college students for active, creative, and self-reliant life. All educators who exert their impact upon this manner must stimulate the improvement of the pupil's abilities. This is, however, a tough venture due to the fact that every pupil is precise with admire to their personality, intelligence, motivation, and etc., because of this that that the teacher could must customise his/her method towards every character pupil. Over 2 hundred years ago, a German philosopher, psychologist, and pedagogue, Johan Friedrich Herbart made a declare that the variety of human thoughts is a main impediment in formal schooling systems. Not taking this reality into attention is a essential mistakes of any law regulating such systems.

## MAIN PART

### THE SEMANTICS OF APTITUDE AND SECOND LANGUAGE ACQUISITION

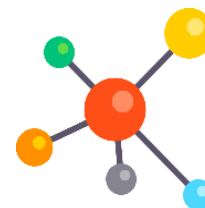


Some SLA researchers regard highbrow capacity as something that may be described with the aid of using overall performance on a standardized check. While they well known that the difficulty is open to theoretical debate, they be given the overall validity of the IQ check as a degree of intelligence (Genesee, 1976). Others make use of IQ and a mixture of different checks of their analyses (Oblor, 1989). For them, IQ represents certainly considered one among numerous legitimate intelligence indicators. An extra institution of researchers does now no longer immediately hire IQ, however nonetheless is cushy the use of the time period intelligence (McLaughlin, 1990). The time period flair is desired with the aid of using some of different researches, in contradistinction to IQ. For them, flair is something each impartial and unrelated to IQ. Researchers along with Skehan (1989) communicate notably approximately flair and nearly in no way approximately IQ. Characteristic additionally among flair proponents is the absence of the phrase intelligence of their debts of causal elements in 2d language acquisition. Explanation for the abandonment of the time period intelligence is sort of in no way given. Instead, the brand new time period flair seems in locations in which one may also have predicted to locate intelligence. For a few, though, flair assumes even extra importance than rather for intelligence. Indeed, for Skehan (1989), flair implies a “skills for studying languages this is impartial of intelligence” (p. 276). From studying Skehan, it's far surprisingly tough to decide precisely what flair is. Where does it come from? What exactly are the intellectual houses related to it? As can be visible below, Skehan does, in fact, have a few belief approximately what flair is. This, however, does now no longer result in him to claim that those houses are linked to intelligence. Other researchers additionally communicate little or not anything approximately intelligence, however try and make more unique their

belief of flair in a manner that Skehan (1989) does now no longer. Miyake and Friedman (1989) regard flair as running reminiscence (WM). They be aware that researchers have efficiently recognized flair as a important determinant of L2 talent, however have did not decide exactly what that flair is composed of. WM represents the try with the aid of using Friedman and Miyake to offer such an account. Their version continues that 3 additives of language flair – language analytic capacity, reminiscence capacity, and phonetic coding capacity – are wonderful cognitive capabilities often related to WM and are nearly synonymous with the ones defined with the aid of using Skehan. They cross directly to argue that those additives are critical determinants in L1 and L2 talent and that the WM is the number one not unusual place denominator in each L1 and L2 success<sup>2</sup> and are on the middle of linguistic flair.

## INTELLIGENCE AND SECOND LANGUAGE LEARNING

Having disambiguated the troubles concerning the troubles of intelligence and flair, and securing the vicinity of intelligence within side the discourse, it's miles now suitable to immediately deal with the function of intelligence in the purchase of a 2d language. Skehan (1989) states that “flair is at the least as important, and commonly extra important, than another variable investigated” (p. 38). Here, of course, intelligence must be substituted for flair. Virtually all researchers agree that overall performance on analysing and language utilization exams correlates strongly with IQ level. That is, people with better IQ ratings generally tend to do higher on those tasks. In the paintings of Genesee (1976) college students had been divided with the aid of using IQ ratings and examined in grades 4, 7, and 11. Their overall performance in 2d language acquisition (French) became as compared with the ones positioned within side the decrease organizations primarily based totally



on IQ ratings. Those within side the maximum institution carried out in a manner that the IQ profile would possibly expect at the analysing and language utilization exams. In all cases, the above-common IQ institution carried out higher than the common institution which carried out higher than the below-common college students (besides with inside the eleventh grade case which blanketed no below-common college students). These consequences led Genesee to signify that a 2d language application whose dreams are targeted on educational language must don't forget consequences of such exams as IQ in figuring out which college students must be positioned within side the programs. Other research seems to corroborate the findings of Genesee (1976). McLaughlin (1990) is inspired with Skehan's (1989) findings with reference to the charge of first language acquisition and 2d language acquisition overall performance. Using kids whose first language improvement have been monitored as a part of the Bristol Language Project and whose ratings had later been compared with consequences on overseas language flair exams, Skehan stated good sized correlations. To discover this records, something need to first be stated approximately the look at. Skehan became interested by reading the foundation of language flair. He became aware about the paintings Wells (1985) had finished within side the Bristol Language Project, which evaluated the charge of L1 acquisition. The unique look at concerned approximately one hundred twenty five kids. These kids' L1 acquisition charge became studied while the kids were between three and five years of age. This records became later as compared with the aid of using Skehan with the identical kids' ratings on overseas language flair exams once they had been 13, who determined a good sized correlation (as excessive as 0.50) among those units of measures. What became now no longer explicitly proven right now became

whether or not or now no longer the better overall performance on the capability exams virtually verified a more capacity to research a 2d language. Though the hyperlink appeared plausible, demonstrable evidence became necessary.

## CONCLUSION

Did you understand? Today we knew what a cognitive element is: intelligence and aptitude. The subject of SLA is in want of awful lot greater big paintings with inside the place of intelligence and acquisition. Recent traits in associated fields and weather this is conducive to new inquiry make the state of affairs promising. The traits in fields consisting of neuroscience seem to have super applicability. The ability to assess what goes within side the mind for the duration of a given cognitive venture appears to be increasing daily. It is totally affordable to trust that disciplines like neuroscience and the numerous branches of psychology will make marked development of their competencies to symbolize the relationship among cognitive colleges and language. The sophistication and quantity of new, pertinent records will usually increase. It is pretty viable that qualitative jumps in information may be made below those auspicious circumstances. It has additionally been proven that its miles right to treat intelligence as the suitable time period to represent the innate, genetically endowed man or woman ability. The constant nature of intelligence changed into installed thru dual research, which confirmed simply how sizeable genetic elements are in predicting L1 acquisition. The noticeably comparable manner wherein equal twins analyse L1 and the manner this changed into linked to organic elements changed into showed via way of means of the reality that different siblings, together with fraternal twins, exhibited a miles much less near correlation in L1 improvement. This reality renders





invalid the argument that the similarity in improvement proven via way of means of the equal twins is because of environmental elements. These research have been then linked to L2 research via way of means of speculating on what could appear if the twins have been studied with inside the identical manner because the individuals with inside the Bristol Language Project, which demonstrates the relationship among L1 and L2 acquisition. It changed into argued that equal twins could have the identical outcomes as the ones discovered within side the Bristol Language Project. In different words, every equal dual pair could have performed a stage of L2 acquisition primarily based totally on their quotes of L1 attainment and the linguistic highbrow capacities evidenced via way of means of that attainment. This could reveal each the fixedness of intelligence and its position in L2 acquisition. However, as cited earlier, this stays speculative, but nicely based it could be. Further empirical studies are needed. The argument changed into later made that efforts to label intelligence something else most effective serve to confuse matters.

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