

UNDERSTANDING DIVERGENT THINKING IN ELEMENTARY SCHOOL PUPILS

Xo'jamberdiyeva Sarvinoz Keldiyarovna

Lecturer at the University of Economics and Pedagogy

Annotation

This article discusses divergent thinking of primary education students

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Introduction

Divergent thinking is a thought process or method used to generate creative ideas through the study of many possible solutions. This usually happens in a spontaneous, free-flowing, "nonlinear" way, so many ideas are generated in the cognitive style in which they arise. In a short time, many possible solutions are studied and unexpected connections are drawn. After Divergent thinking, ideas and information are organized and structured using convergent thinking, which follows a certain set of logical steps to achieve a single solution, which in some cases would be the "correct" solution. Divergent thinking is an important skill for design, problem solving, innovation, and flexible, flexible response in complex environments. Let's take a look at some examples of everyday situations where this valuable skill can be used

- **Mental attack using an object:** offering many different potential uses in addition to their usual functions for common household items such as bricks. Examples may include using it as a door bed, paper weight, textbook support, etc.

- **Coming up with new opportunities:** instead of choosing something in common and coming up with different ways to improve it, such as presenting your speech unilaterally and leaving the discussion to the end, you organize ice cream sessions, such as a small quiz, Q & A, etc. at the beginning. Request to revive the crowd.

- * **Visualizing twists and turns in the plot of the story:** creating a creative transformation of plots by taking the main elements of a well-known story, such as a Red Riding Hood, and changing the main details around who the characters are, where they happen, what happens instead of the original story, etc. .

One example here is the retelling of the Fairy Tales "The Wolf and the seven young goats" in a more modern and metaphorical way. A short clip worth the time you need to watch!

Divergent thinking exercises and techniques

1. Mental attack. A mental attack is an effective activity to generate new responses. In this activity, you or your team offer as many ideas/solutions as possible in a period of time, without making a decision. You can use the mental attack feature to record thoughts, questions, and ideas in response to suggestions and communicate your answers to others to build on ideas anonymously. This will help avoid ambiguity. What is Divergent thinking? Mental attack technique, how to get the most positive result from a mental attack | What is Divergent thinking?

2. What is mind map Divergent thinking? Mind mapping techniques mind mapping is another strategy to inspire different types of thinking. By dividing ideas into a network without a hierarchy, you visually show connections on a central theme. Seeing the relationship between them will help create new connections. Spatially plotting concepts allows for flexible linking without linear lists, as color/images enhance perception, and you can focus more on the result, starting from the center.

3. Mandatory connections what is divergent thinking? Forced connection technique
The use of this technique helps to form abstract thinking and similarity skills. You practice forced connections to perform fantastic analogies, choosing two random words and looking for relationships like "tree-smartphone". Establishing relationships between random elements is difficult and forces thinking in completely different areas. You can see that this often happens between unrelated industries, such as forecasting artificial intelligence in agriculture and using it to reduce the risk of crop failure.

4. Hypothetical scenarios What is Divergent thinking? Hypothetical scenario techniques to create new plot angles, you can visualize future scenarios through various descriptive details and situations that are unpredictable over time. This analytic left brain is only concerned with solving problems against enumerating abstract concepts. In NGOs, it is possible to see alternative ways to resolve future crises and be more active, or to see hypothetical scenarios used by urban designers to model potential outcomes of changing urban development plans.

5. Stairs of thoughts. What is Divergent thinking? Ideas ladder technique
You start with a starting idea/concept, and then base the initial concept on it by proposing changes or adjustments to separate it in stages. If it was done in a group, one person would say the idea of opening, and then each next person would develop it or take it in an unexpected direction, without any strange or strange idea. For example:” book “ - > ” e-book “ - > ” e-book that reads itself aloud “ - > ” e-book that reads and interacts “ - > ”pet library that narrates live to borrow". The concept consists of stimulating liquid, emergent ideas that lead to another in one proposal organic chain. Divergent thinking is a useful type of thinking that facilitates creative problem solving and innovation. After all, learning to think in broader and more flexible ways will only lead to great progress. So, study ideas freely, make unusual connections and let your mind have its own meaning - this is the soul of a real divergent thought.

What are the 4 principles of Divergent thinking? The main four basic principles of Divergent thinking are: delaying reasoning, seeking quantity, building on ideas, and striving for innovation. What is Divergent thinking? Divergent thinking involves exploring multiple possibilities or solutions instead of focusing on a single response.

What is Divergent and convergent thinking? Divergent and convergent thinking are two cognitive processes that are decisive for problem solving and creativity. Divergent thinking

studies unconventional solutions, creating a variety of ideas, while convergent thinking narrows down options for finding the best solution.

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