

W1 - V1

People solve the problems that they have never seen before, is called creativity and problem solving. there are two types of problems

1) well defined problems

2) ill defined problems

The problems that have more than one correct approach. the concept of creativity and problem solving comes into the picture

Divergent thinking :- is the thinking process of creativity and problem solving. comes into the picture when there are large no. of possible ways where there are to solve one problem. like building bridges, fighting with natural disasters etc.

Recent research comes an conclusion that the ~~po~~ the ability of person to test potential ideas without physically implementing it is one of the important aspect of creative problem solving.

Motivation is a key ingredient to problem solving

Enhance creative Abilities :-

- Avoid Fixation :- Focusing on one characteristics of a problem to reach at a solution.
- think analogically :- learning from the previous experiences and enhance the next activity.
- sleep - it will ~~for~~ increase the ability to concentrate.

- creative environment :- environment creates happiness that encourages the creative thinking.

Creativity is an essential human ability for implementing the ideas that are having limitless potential.

- V4

Psychology of problem solving

The problem solved when we see the problem with new perspective, a complete new way to analyze the problem.

creativity is not god gifted. it is a skill which ^{everyone} ~~anyone~~ can learn. that is possible that one ~~can~~ is better ~~than~~ other then.

- creativity is a skill that called the lateral thinking. brain forms pattern. that is routine ways towards the looking of any problem.

- lateral thinking is looking across the track. and when we are having high insights which are logical then it is creativity.

- these are some tools which exist that helps to make similar patterns and you can challenge the existing solution. and the tools are very easy to learn.

V - 6

Our brain is organized and thinks in terms of patterns. new information seeks to fit in with existing information.

Because of this rigid organizational system, new information battles with existing information, in order to find its place.

- Lateral thinking enables us to restructure our patterns.
- Lateral thinking enables us to open up our minds, to think outside the square.
- Lateral thinking facilitates creativity.
- In the lateral thinking we are generating alternative solutions.
- challenge your assumptions.
- suspend your judgement.
- Lateral thinkers do not feel they have to be a right all the time.