

PROBLEM SOLVING METHOD

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Definition

- Problem solving may be defined as a planned attack upon a difficulty for the purpose of finding a solution.

Factors

- Problem solvers focus more on the problem on hand than other aspects.
- They are objective in their approach to problem solving.

Steps

- Identifying and defining the problem.
- Formulating the hypothesis.
- Testing the hypothesis by collecting and evaluating the data.
- Interpreting the results.

Merits

- Helps the students to develop reflective thinking.
- Helps the students to approach future problems.

Limitations

- Not all students are problem solvers.
- Requires gifted teachers.
- Time consuming.

Problem solving possibilities

- Create visual images.
- Guesstimate.
- Create a table.
- Use manipulative.
- Work backward.
- Look for a pattern.
- Create a systematic list.