**A Cat a Parrot and a Bag of Seed**

**Defining the problem.**

A man needs to transport 3 items across the river to the other side but the boat only has room for him and 1 item.

My insight is he will have to make 3 trips or find a bigger boat.

The overall goal is to get him and the three items to the other side of the river.

**Break the Problem apart**

The constraints in this situation are that the man has limited space to transport all the items.

Sub goals can be to make 3 different trips back and forth across the river to collect his items or get on a bigger boat.

**Identify Potential Solutions**

He can make 3 different trips and put up each item where it will be safe, but it will require more time.

He can get bigger transportation, which would be a bigger boat, and then he can take all the items at the same time.

**Evaluate each potential solution**

Each of my solutions will reach the goal and the man will have his 3 items with him across the river.

Each of my solutions will work for all cases, one will take longer than the other depending on which solution he chooses to take.

**Choose a solution and develop a plan to implement it**

In this solution lets just say the man can wait and get on a bigger boat and in this case he is able to carry the bag of seeds, parrot and cat all the way across the river to the other side. This will give him a easily way to transport all three items at once.