DEPARTMENT OF BIOLOGY

EDUCATIONAL BIOLOGY

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Question:

A man has to get a fox, a chicken and a sack of a corn across the river. He has a rowboat and it can only carry him and one thing if d fox and the chicken are left together, the fox will eat the chicken if the chicken and the corn are left together, the chicken will eat the corn how does the man do it? Solve the problem and make a flow chart with solution.

Solution:

1. The man takes the chicken across the river first and leaves it on the other side.

2. The man goes back to the original side and picks up the sack of corn.

3. The man takes the sack of corn across the river and leaves it on the other side with the chicken.

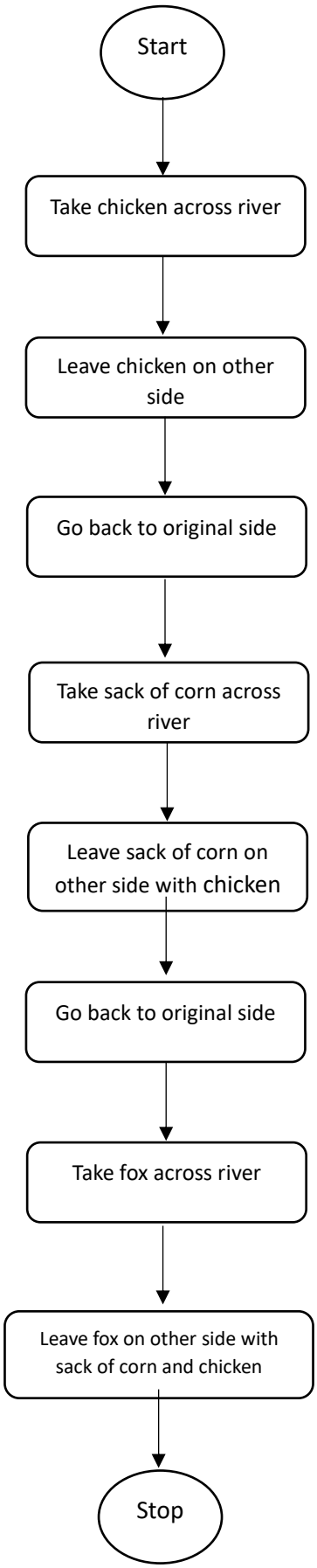
4. The man goes back to the original side and picks up the fox.

5. The man takes the fox across the river and leaves it on the other side with the sack of corn and the chicken.

Explanation:

This solution ensures that the fox and the chicken are never left together, and the chicken and the sack of corn are never left together. By following these steps, the man is able to transport all three items across the river without anything being eaten.

Flow Chart:


Start
Take chicken across river
Leave chicken on other side
Go back to original side
Take sack of corn across river
Leave sack of corn on other side with chicken
Go back to original side
Take fox across river
Leave fox on other side with sack of corn and chicken
Stop