

More Rope Tricks!

Objectives:

Students will describe the sequence of events necessary to solve the puzzle.

Students will deduce cause and effect relationships.

Materials:

150 cm (5 feet) of soft rope with a slip knot tied at both ends.

Procedure and Results:

1. Tie a loose over-hand knot in the center of your rope.



2. Place the loops on your wrists.
 3. Without removing the loops from your wrists, untie the knot.
 4. Describe how you solved this puzzle.
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5. If there are other ways to solve this puzzle, describe them.
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6. Why is it important to be able to solve problems?



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Teacher's Instructions

Objectives:

Students will describe the sequence of events necessary to solve the puzzle.

Students will deduce cause and effect relationships.

Materials:

150 cm (5 feet) of soft rope (clothes line cord works well) with a slip knot tied at both ends, scissors.

Procedure:

1. Cut the rope into lengths of 150 cm (5 feet).
2. Tie a knot in each end of the cord.
3. Follow the illustrations to tie a slip knot in each end. Make sure the slip knot is at the very end of the cord.



4. Follow the illustrations for removing the knot from the center of the rope.

