

## Chromatic Crystals <br> 

What is it?
Chromatic Crystals is an extrapolation of the classic "Lights Out" puzzle. Given a target combination, the party utilizes a set of colored rods that cause crystals in a grid to change color to match the target combination.

## Entering the Puzzle

Chromatic Crystals is best used as a puzzle that unlocks a door when solved. As such, the best way to enter the puzzle is to simply have the party walk into a room dominated by it.

## Interpreting the Puzzle

There are four colors in Chromatic Crystals: red, blue, green, and clear. In addition, th 1 are three rods: red, blue, and green. Th properties of the rods are as follows

## Red:

Turns clear crystal to red.
Turns green crystal to clear.

## Blue:

Turns red or green crystal to blue.
Turns blue crystal to clear.
Affects crystals adjacent to crystal touched.

## Green:

Turns blue crystal to green.
Turns red crystal to clear.
Affects crystals adjacent to crystal touched.
Note that rods do not function on adjacent crystals if its primary target won't change.

## Example of Rod Functionality

Starting configuration:


If the blue rod is applied to the green crystal shor, in the above configuration, it affects ren eny the crystal touched, but also the Axsals to the left of, to the right of, and Zbove. Since the blue rod turns red or green to blue and turns blue clear, we get the following configuration.


Variants of this Puzzle
A particularly amusing way to work this puzzle into a campaign is to have the three rods strewn throughout a dungeon. This allows the party to get used to the rules of each rod in turn and makes the prospect of complicated three-rod puzzles at the end of the dungeon a little less daunting due to puzzle experience gained leading up to it.

Advanced variants are presented on page 8.




## Puzzle Setups

Rods on hand: Red and Blue

Starting configuration:


Goal:


Steps to solve:
1: Red rod on crystal 1.
2: Red rod on crystal 3.
3: Blue rod on crystal 1.
4: Blue rod on crystal 3.


5: Red rod on crystal 2.




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## Perplexing Puzzles \#1 <br> Interjection Games

Rods on hand: Red and Blue

Starting configuration:


## Goal:

Steps to solve:


1: Blue rod on crystal 4.
2: Blue rod on crystal 1.
3: Blue rod on crystal 3 .
4: Red rod on all crystals.
5: Blue rod on crystal 1.
6: Blue rod on crystal 6.




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