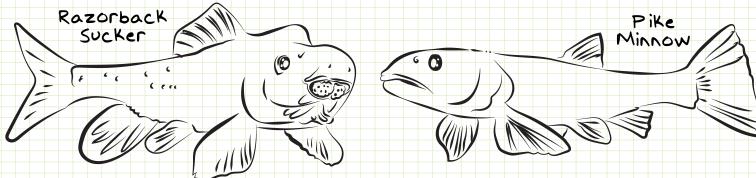
Tracking Endangered Fish

Using the Patterns or Binary Code



The Razorback Sucker and the Pike minnow are endangered fish living in the San Juan River in the lands of the Navajo, which are the Native American people of the four corners area of the USA. Ecologists concerned with protecting these species of fish track their movements by tagging the fish with radio tags. Binary patterns in the radio tags help them identify where the fish are and how they move and live.

Make binary patterns

Make as many patterns as you can using the letters "m" and "o"

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Binary patterns are unique patterns made of only two things, like a 1 and a 0. You could make a binary pattern out of anything, letters, numbers or even fruit or cereal. You can make binary patterns out of two letters to make funny words and sounds.

Using one letter per pattern	Using three letters per pattern	Using three letters per pattern	
Example:			
You can make 2 unique patterns			
Using two letters per pattern			
Example:			
You can make 4 unique patterns			_