

Name:

Date:

Animation: Jumping Frog Thaumatrope

Have you ever heard of a Thaumatrope? A thaumatrope is an optical toy that was popular in the 19th century. It is a disk with a picture on each side attached to two pieces of string. When the strings are twirled quickly between the fingers the two pictures appear to blend into one due to the persistence of vision. We can also make a thaumatrope by attaching two pictures to a stick which when rubbed between palms, creates the same effect. Follow the instructions given below to make your own thaumatrope.

Supplies needed: Picture template given below, scissors, glue, a skewer or a straw **Instructions:**

1. With the help of an adult, cut the picture template given below. Cut along the outer

rectangle. Do not separate the pictures.

2. Fold the rectangle along the dotted line. The picture should be on the outside.

3. Put a skewer between the folds and stick both the sides together with glue. It should look something like this:

4. Hold the stick between your hands and rub your hands forwards and backwards. Enjoy the amazing effect!

