

HOME/SCHOOL CONNECTION

Investigation 1: Goldfish and Guppies

The pictures below will make two fish-in-a-bowl twirlers, one with a goldfish and one with a guppy. Cut on the solid lines, so that you have two strips, each with a bowl on the left side and a fish on the right. Color the bowl and the fish. Fold each strip in half along the dotted line, so that the pictures are back to back. Push a straw or pencil up between the two picture backs and securely tape it in place. Be sure the straw or pencil spans the full length of the picture.

Hold the straw or pencil between your palms with the pictures up, spin the straw back and forth, and watch the picture. An optical illusion makes the fish look as if it were in the bowl.

