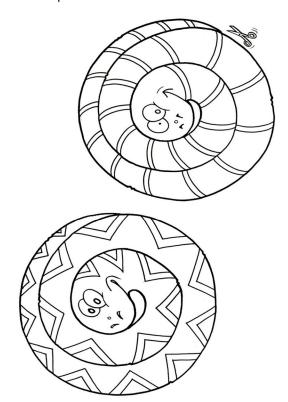


RISING AIR

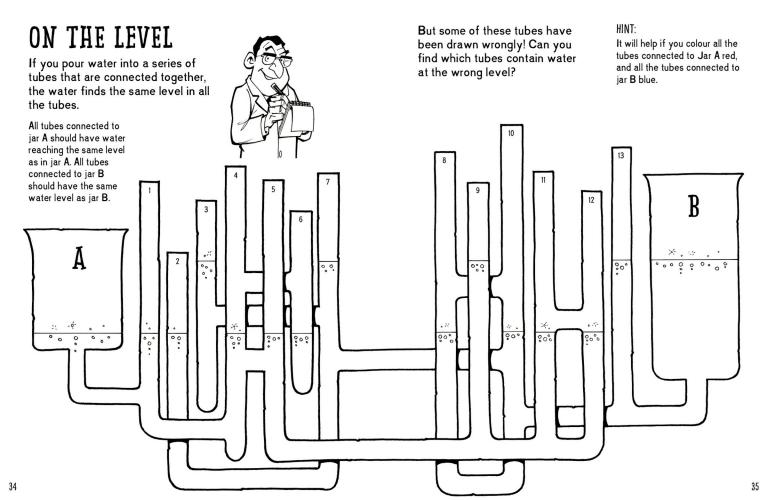
When air is heated it rises. This is what makes a hot-air balloon rise. Air spirals upwards in currents called thermals where the sun heats the air near the ground.



Colour the snakes, then cut them out to make a spiral. Gently pull the head and tail apart. Use scissors to make a hole in the nose, and attach a string. Hang the snakes over a radiator and watch them spin around!



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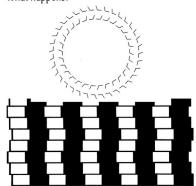
TRICKS WITH LIGHT

Optical illusions are tricks that fool the eye. They make you see something that's not really there.

Hold the book up in front of you and tilt it to the left or right. What happens to the curved lines in the drawing below?

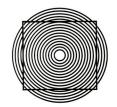


Stare very hard at the picture below, then slowly move it towards and away from you. What happens?





Can you see a triangle here? There isn't one in the drawing!

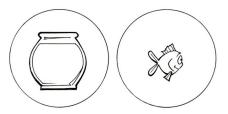


Are the sides of the square straight or curved? Check with a ruler.

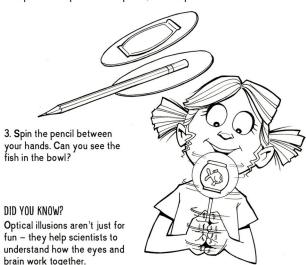
Are the horizontal lines level or slanting?

PUT THE FISH IN THE BOWL

1. Trace the fish and bowl onto card. Colour them in, then cut out the two circles.



2. Tape the two pictures to a pencil, so both pictures face out.



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GERMINATION

Most plants grow from seeds. If you plant a seed in a moist, sunny place it will start to germinate (sprout).



BEANSPROUT MAZE

Help the new shoot find its way through the soil towards the light.

