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### **Experience with hot air.**

#### **Why do balloons fly?**

Let's draw a spiral on the paper square and cut it out.

We will make a hole in the center of the spiral, pass the cord through it and tie it into knot. We hang the spiral above the source of heat.

What do we see? Spiral starts revolving on its axis. Why is that? Because under the influence of the source of heat air heated and rose up. Getting to the spiral, it presses its coils and gives them angular motion.

By the way, balloons fly due to heated air.

Hot air inside a balloon is less compact, than the cold air of the atmosphere. That's why, while air in the balloon is hot, balloon remains in height.