

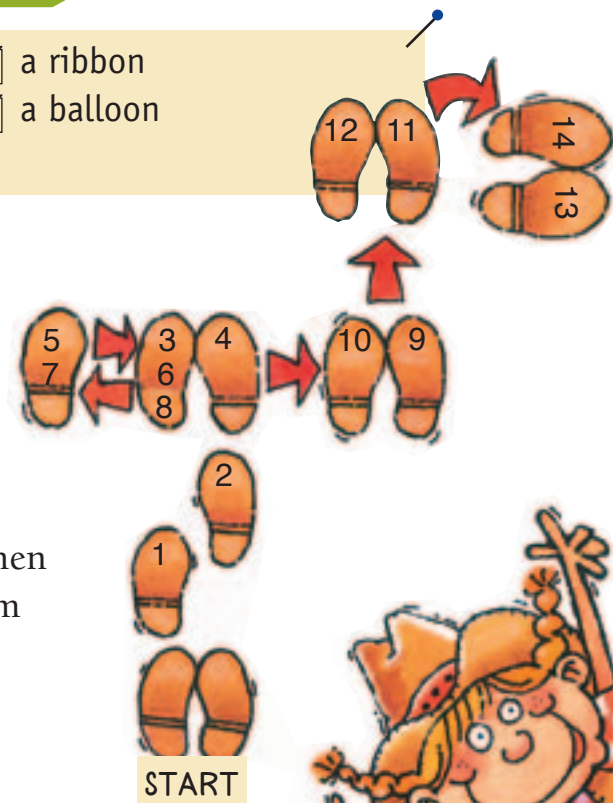
Taking Flight

- You need**
- a tennis ball
 - a paper aeroplane
 - a classmate
 - a ribbon
 - a balloon

Activity One

Lola loves line dancing.
She wants to teach Les how to line dance.
She decides to draw him a plan of the steps she takes in her line dance to help him.
See if you can follow Lola's line-dancing plan.

1. Draw a plan to show the steps Lola takes when she repeats her routine once. She starts from where she finished the first time.
2. How many times does Lola have to repeat this plan so that she faces the same way as she started?



Activity Two

1. Get a classmate to throw each object shown below. You draw their flight paths. Swap places and then compare the flight paths you have drawn.

a. Throw a tennis ball. Draw its flight path.

b. Make shapes in the air with a ribbon. Draw the flight path of the end of the ribbon.

c. Throw a paper aeroplane. Draw its flight path.

d. Blow up a balloon. Hold the end tightly. Throw the balloon up into the air and draw the flight path it makes.

2. Are your flight paths the same as the ones your classmate has drawn? Why or why not?