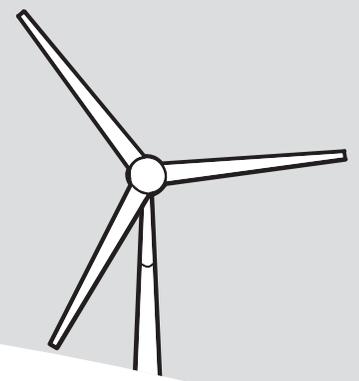


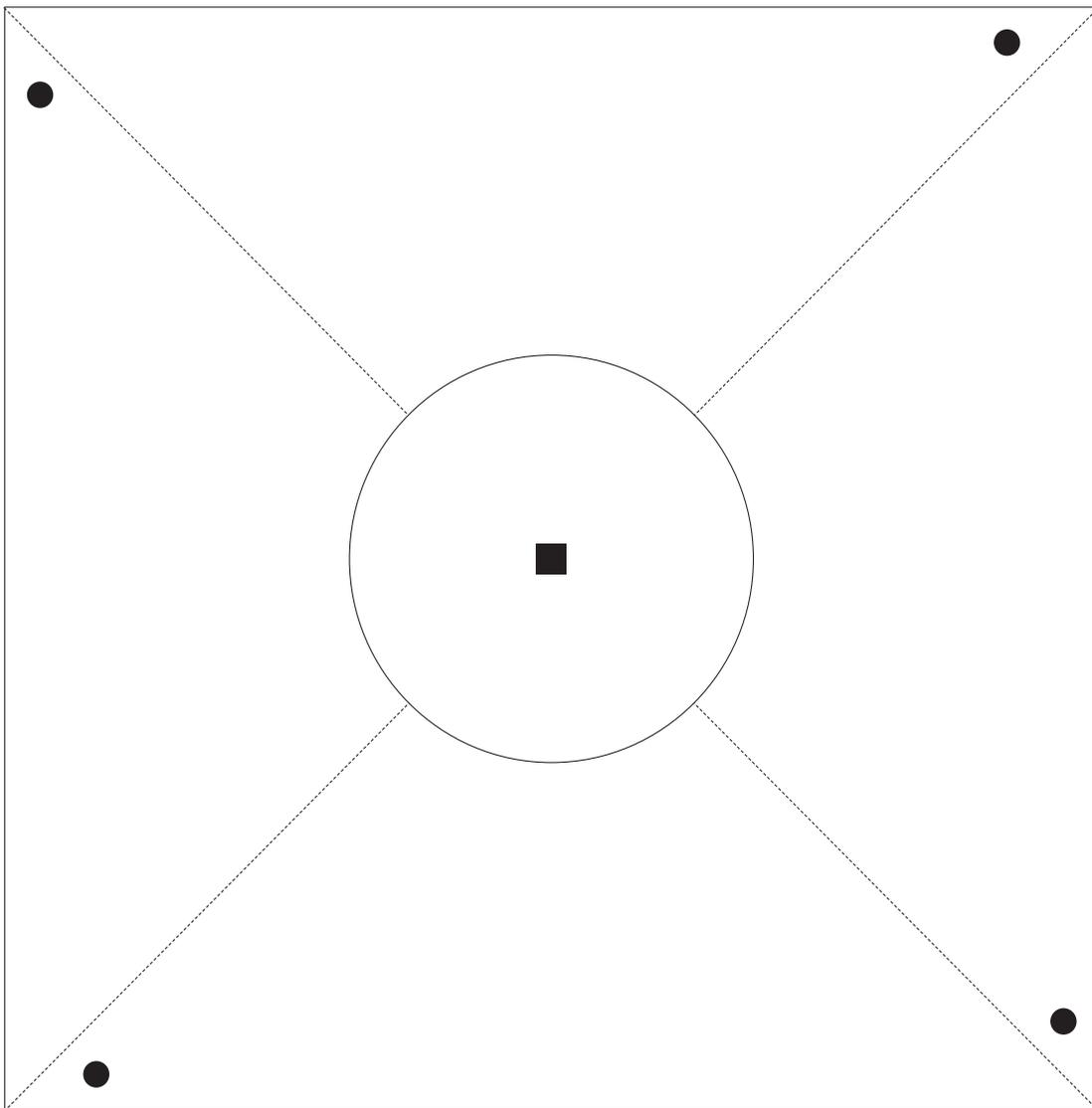
# Activity card 5



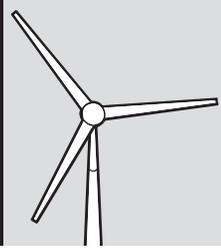
## Make a wind turbine

Wind is a renewable source of energy. The wind turns large turbines, which generate electricity. You can make a simple paper pinwheel turn in the same way by following the steps over the page.

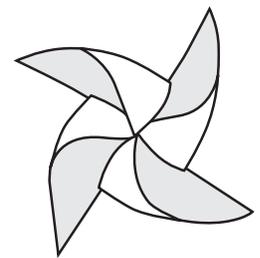
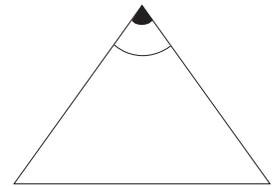
Equipment needed: scissors, a hole punch, a paper fastener, a bendy plastic straw



# Activity card 5



- 1 Cut out the square on the previous page.
- 2 Use a hole punch to make the four holes where the black circles are.
- 3 Fold the square in half along one of the dotted lines, then in half again on the second dotted line to form a triangle like the one on the right.
- 4 Cut off the black tip of the triangle using scissors.
- 5 Open out the square again. It will now have a hole in the centre.
- 6 Cut carefully along the four dotted lines up to the middle circle.
- 7 Fold in the corners of the square with all the holes meeting in the centre as shown on the right.
- 8 Push the paper fastener through all five holes, and open it out slightly.
- 9 Bend the straw into an L-shape and push the paper fastener through the short end of the straw. Blow your pinwheel turbine to test if it spins.



Now that you have made your pinwheel, how can you make sure that it faces the wind?