

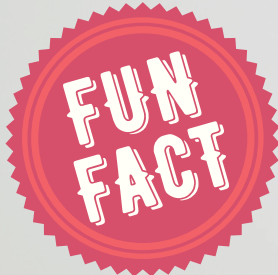


PINWHEELS



SUPPLIES NEEDED:

- **PAPER**
 - **SCISSORS**
 - **HOLE PUNCH: THE SMALLER THE HOLE, THE BETTER**
 - **PAPER STRAW**
 - **BRAD FASTENER**
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- **CUT PAPER INTO A SQUARE.**
 - **FOLD OR DRAW LINES FROM CORNER TO CORNER SO THAT THEY FORM A LARGE X.**
 - **CUT ALONG THE LINES, STARTING FROM THE CORNERS AND STOPPING ABOUT AN INCH FROM THE MIDDLE POINT.**
 - **PUNCH A SMALL HOLE TO THE LEFT OF EACH CUT NEAR THE EDGE. FOLD IN HALF AND PUNCH A HOLE IN THE MIDDLE POINT.**
 - **FLATTEN ONE END OF THE PAPER STRAW AND PUNCH A HOLE IN THE MIDDLE OF THE FLATTENED POINT.**
 - **BRING EACH POINT WITH A HOLE TO THE MIDDLE POINT AND LINE UP THE HOLES.**
 - **PUSH THE BRAD THROUGH THE HOLES AND THE HOLE IN THE STRAW. FASTEN THE BRAD.**



**FUN
FACT**

PINWHEELS ARE A FORM OF WHIRLIGIG. WIND-DRIVEN WHIRLIGIGS EXISTED IN CHINA IN 400 BCE. WEATHER VANES, CLOSELY RELATED TO PINWHEELS, WERE FIRST USED BETWEEN 1600 AND 1800 BCE IN SUMERIA.