

TURN TWO CIRCLES INTO A SQUARE

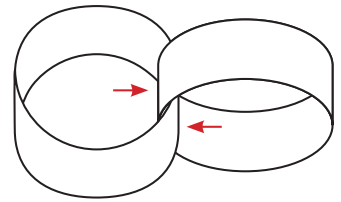
In this Frank Lloyd Wright Mathematical Challenge, students will learn how to turn two circles into a square.

MATERIALS NEEDED

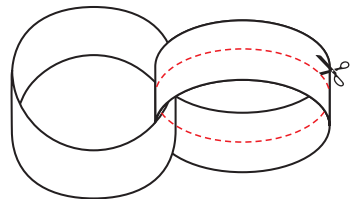
- 2 strips of paper per student
- tape
- scissors
- video [link](#)

INSTRUCTIONS

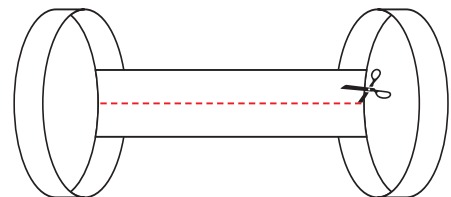
1. Form one strip of paper into a circle and tape together.
2. Loop the second strip through the circle (like a paper chain) and tape that circle together.
3. Now secure the two circles together with tape (tape the loops together on both sides, as shown by red arrows).



4. Carefully cut one circle completely in half lengthwise (this includes cutting through the area where the two are connected, as shown by red, dashed line).



5. Now, cut the remaining strip down the middle (as shown by red, dashed line), and open to show a square!



This is a great example of using your imagination to look at an object and see other shapes, and envision what else it could become, just like Frank Lloyd Wright did.