

# **INSTRUCTIONS**

## Instructions to make the Code Wheel:

- 1. Print the wheels page onto card stock.
- 2. Cut out both wheels.
- 3. Carefully cut out the small box above the arrow on the smaller wheel.
- Poke a hole in the center of each wheel.
- 5. Stack the smaller wheel on top of the larger wheel, matching the center holes. Insert a paper fastener through both holes to connect the wheels.

#### How to use the Code Wheel:

#### To encode a message:

- 1. Turn the smaller wheel until you see the letter you want to use in the small cutout window.
- 2. You'll notice that the number 1 is printed directly above the window on the smaller wheel. Look at the number on the larger wheel that is now lined up with the 1 on the smaller wheel. Write that number down.
- 3. Repeat these steps until your entire message has been encoded to a series of numbers. You can put spaces between the encoded words if you want it to be easier to decode. See below for an example of this.

## To decode a message:

- 1. Look at the first number in the coded message.
- 2. Turn the smaller wheel until the number one on the smaller wheel lines up with the coded number on the larger wheel.
- 3. Write down the letter that shows in the cutout window on the smaller wheel.
- 4. Repeat these steps until you have decoded the entire message.

# Try it out:

To test your skills, decode the message below.