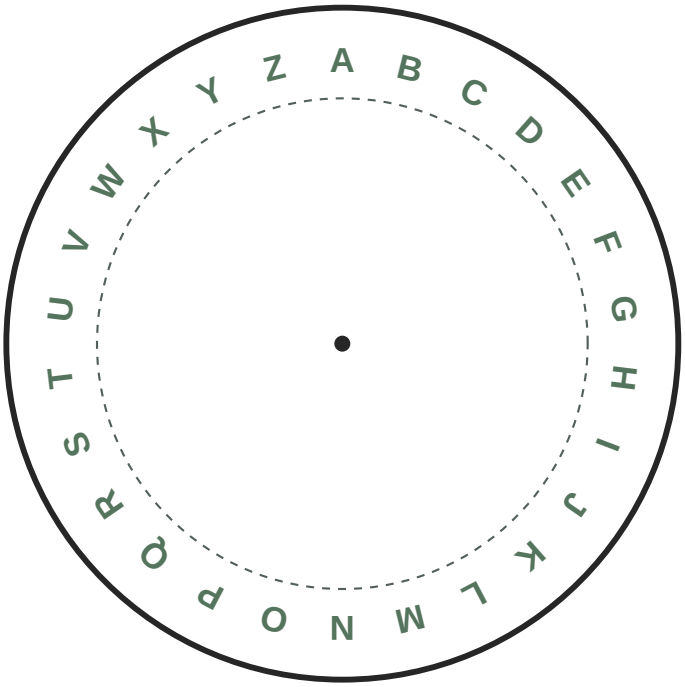
# Secret Code Cipher Wheel: Cut, Spin, and Decode

**SD-B170 / STRATEGISTS · AGES 10–12**

Build a cipher wheel, then write and crack secret messages.

**YOU NEED: scissors, a paper fastener or pencil, pencil**




**BIG WHEEL: cut on the bold line**




**SMALL WHEEL: cut and pin on top**

**CRACK THIS MESSAGE (small A sits over big D, so every letter shifts 3)**

**PHHW PH EB WKH ROG**

**RDN WUHH DW QRRQ**

ANSWER: _____

**NOW WRITE YOUR OWN: pick a shift, write a secret message, and code it for a friend.**

Shift: ____ Message: _____

Coded: _____

**GROWN-UP GUIDE:** Cut out both wheels, stack the small one on the big one and pin through the centers. Line up any letter, then swap each letter of your message. The code only works if your partner knows the shift.