

APPENDIX F

CIPHER WHEEL FOR CRACK THE CODE

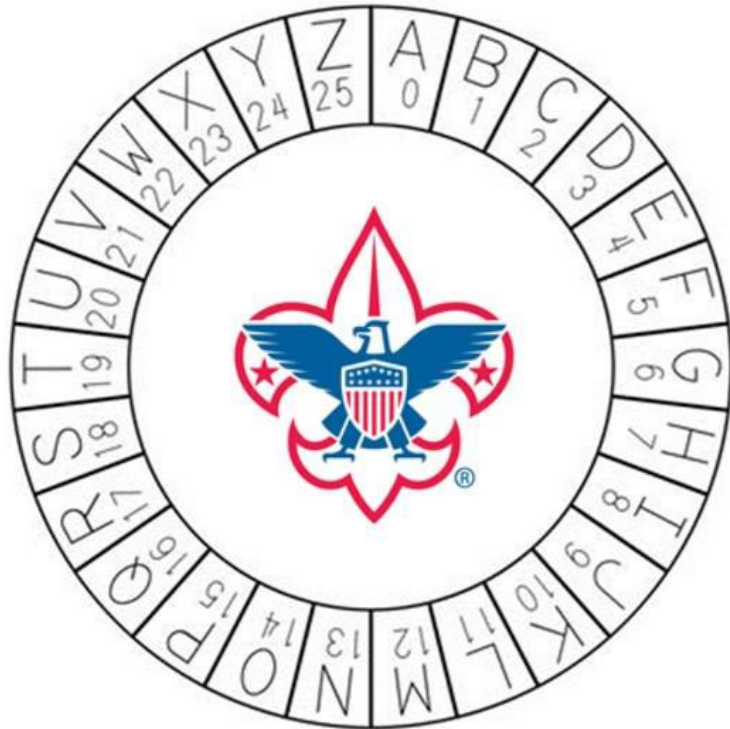
Directions:

Cut both pieces of the cipher wheel out so that the smaller wheel fits inside of the larger wheel (it can simply lay on top, you don't have to connect them physically if you don't want to).

Your patrol will need to use the cipher wheel to decode the message collected throughout the day as you find pieces at different activity stations.

Only one cipher wheel is needed per patrol.

Due to possible wet conditions, laminating or printing the cipher wheel on card stock is suggested



Pick a letter on the outer wheel and a number in the inner circle – this is your key (ex. M21). Turn the inner wheel so that the number (21 in our example) lines up with the outer wheel letter (M in our example). On our wheel 21 also corresponds with V in the inner section. Don't move the wheels now, keep them in place.

To read the encrypted message get the key and align the wheel – keep the wheel in this position. For each letter of your message, find that character on the inner wheel, and write down the letter that is exactly above it on the outer wheel.

Make sure to prepare and bring this wheel with you as no copies will be available on site.

