

# HOW TO MAKE “EAR” ANTENNAS



## CARDSTOCK PARABOLIC DISH ANTENNA

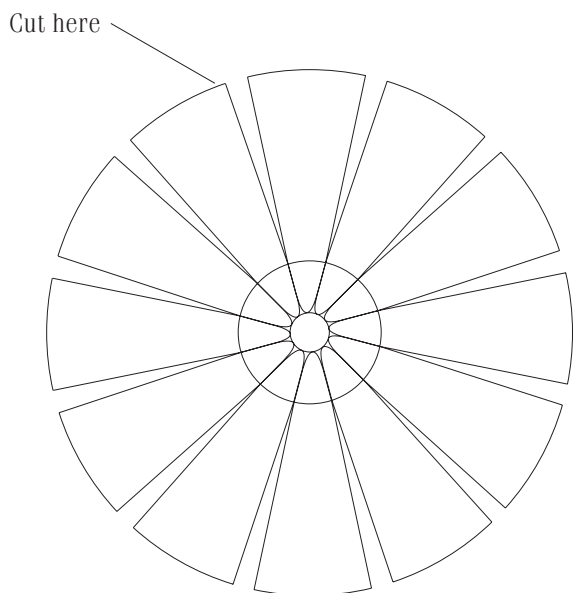
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### Teacher

Using cardstock, enlarge the antenna pattern twice on a photocopier: once at 165%, then enlarge at 165% again.

### Student

Cut between the petals, stopping at the first circle. Bring the petals together, overlapping them slightly and taping them on the back, forming a curved dish. Cut a small hole in the center of the dish at the innermost circle, then reinforce the center hole on the back with tape.



## SODA BOTTLE PARABOLIC DISH ANTENNA

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Use an X-acto knife (caution — very sharp) and/or scissors to cut the top off a plastic soda bottle above the label and at the bottom of the neck. This cut-off section will become your parabolic dish antenna. Trim off any rough edges with the scissors.



Example of “ear” antenna made from soda bottle.