

# Microwaves and Curved Dishes

## **COPY THESE FACTS ABOUT MICROWAVES**

Microwaves are members of the electromagnetic spectrum

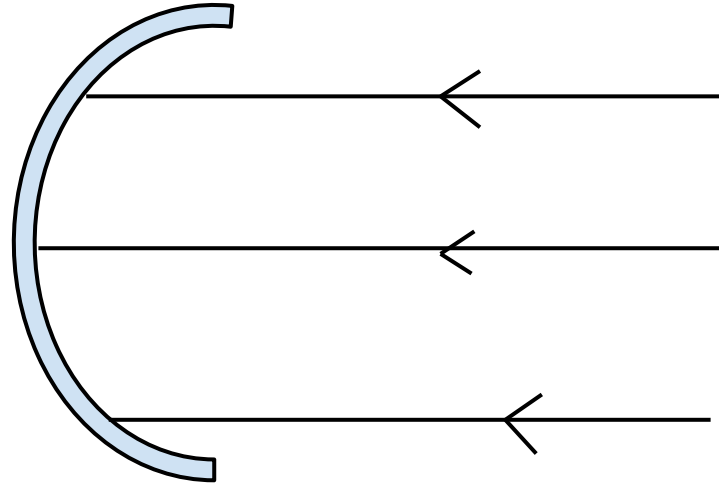
Microwaves travel at the speed of light:  
300,000,000 metres per second

Microwaves pass easily through the atmosphere  
and are used for telecommunications.

Microwaves transmit information to satellites

Mobile phones use microwaves

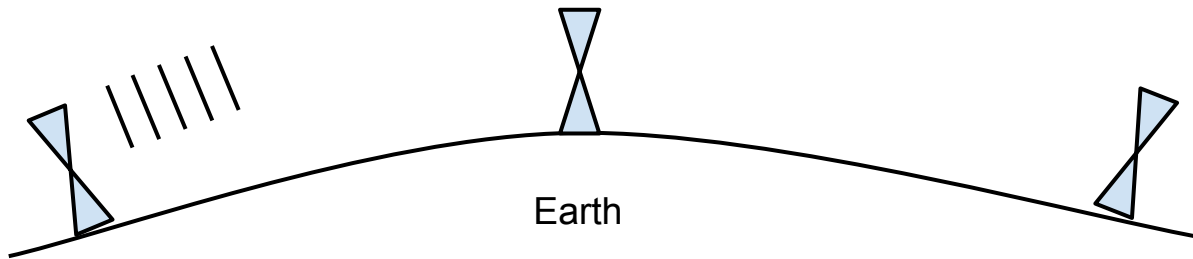
## **HOW MICROWAVES ARE RECEIVED.**



Complete the diagram showing what happens  
when the rays hit the metal dish

Copy and  
complete the  
path of the  
microwaves  
from each  
transmitter

## **MICROWAVES HAVE SHORT WAVELENGTHS AND TRAVEL IN STRAIGHT LINES**



Transmitters  
and receivers  
must be in line  
of sight of  
each other