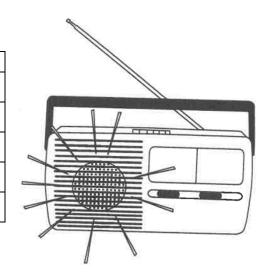


You will need: Portable radio, small batteries, a piece of wire

Turn on your radio. C no stations.	Chose "AM," and tune it to a frequency low on the dial where there are	
What do you notice	? What can you hear?	
Record the dial settir	ng: kHz	
-	e wire to one end of the battery (the wire should be bare). Touch the e wire to the battery.	
What do you notice	? What can you hear?	
Change the dial on to louder or quieter?	the radio, and repeat the battery experiment. Does the interference ge	ŧ
Dial Setting (kHz)	Interference Level (Range of 1 to 5, quiet to loud)	

Try the FM dial.

Dial Setting (kHz)	Interference Level (Range of 1 to 5)				





Now, let's look for interference where you live!

Use your radio to find as many sources of interference as you can.

But first, **make a prediction**. What kinds of things do you think will give off interference?



.			EN 4	0.0.4	
Record the dial setting:			FIVI	AIVI	(circle one)
Object	Description of interference	Interference Level (Ra	ange of 1	to 5,	quiet to loud)
Were you ria	ht?	1			
	ce any patterns?				
Do you noue	ocarry patterns:				

Extension: Record the interference on your phone or computer, and view a spectrum of it at http://www.visualizationsoftware.com/gram.html