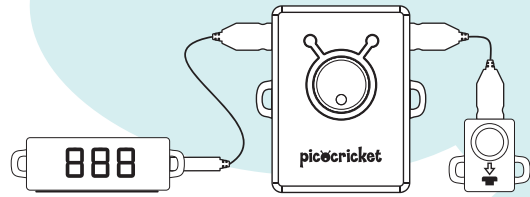


Reaction Game

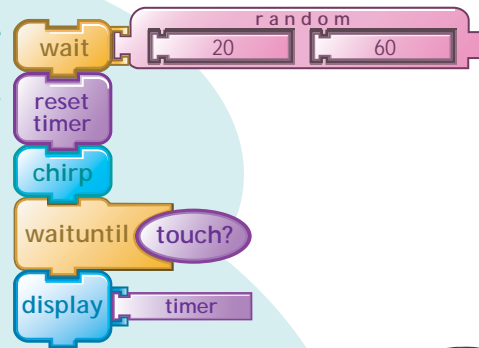
When you hear the PicoCricket chirp, press the button as fast as you can

Make your own electronic game

Plug in the parts



Program your PicoCricket

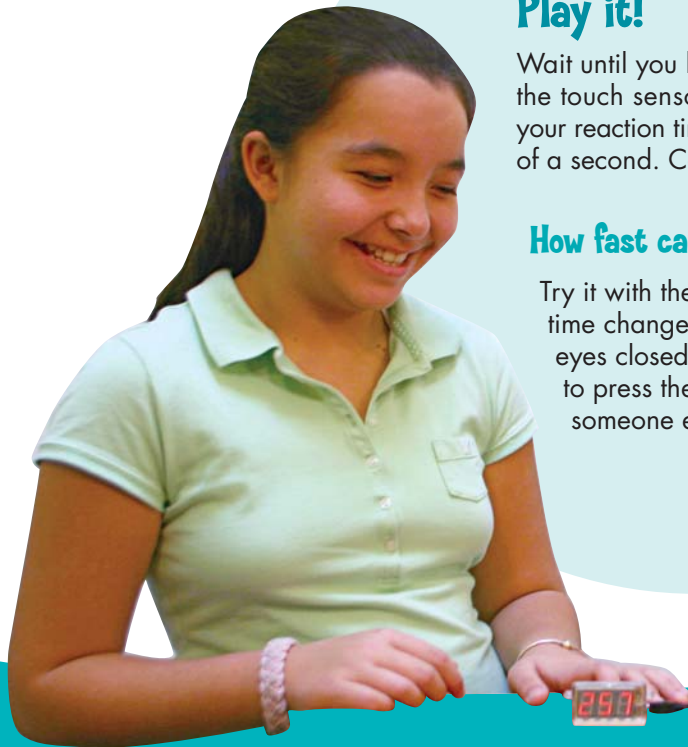


Play it!

Wait until you hear the chirp, then press the touch sensor. The display will show your reaction time, measured in hundredths of a second. Can you do it faster?

How fast can you react?

Try it with the other hand. Does your time change? How about with your eyes closed? Try using your nose to press the touch sensor. Invite someone else to give it a try!

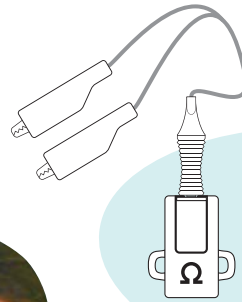
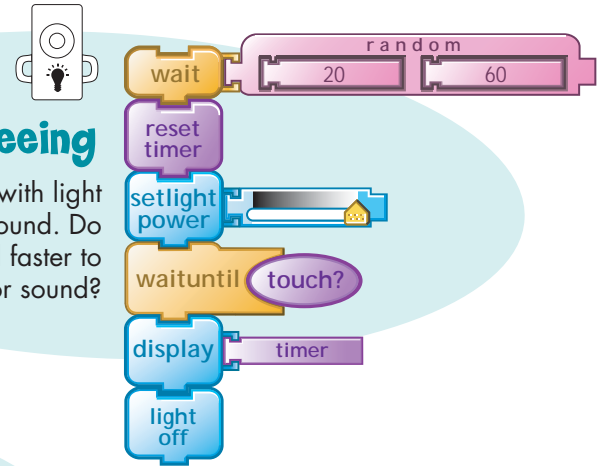


Which of your fingers is fastest?



Hearing vs. Seeing

Try the game with light instead of sound. Do you respond faster to light or sound?

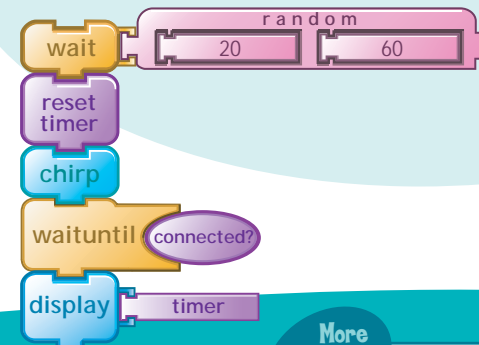


Hands vs. Feet

Which is faster: your fingers or your feet?

Make a foot sensor

Use a rubber band to attach some aluminum foil to your foot. Attach one clip from a resistance sensor to the foil on your foot and the other clip to a piece of foil on the floor.



Play with your feet

After you hear the sound, step on the foil to complete the circuit. How long did you take?

More Things To Try

Use craft materials to make a big button, like the ones on TV game shows.