

WSPR Projects and Activities

Some suggestions for projects, experiments and activities

- Connect with a local HAM radio club. The members are usually very enthusiastic about developing interest in radio and are often willing to offer their expertise.
- Set up two WSPR receivers in the classroom with each antenna placed perpendicular to the other. See which picks up the most signals during a given period.
- Put a message on the WSPRnet.org site to ask for WSPR transmitter operators who would be willing to send signals at pre set times to see if the classroom receiver can pick up the signal.
- Have students calculate the distance between their receiver and the signals that they heard. Check for accuracy by checking the WSPRnet.org site.
- Determine how sunspot activity affects WSPR path openings.
- Connect the WSPR project to your social studies classes by having students look into the characteristics and culture of the countries where you have made WSPR connections.
- Determine the countries that are WSPR hits during a particular time period.
- Determine how many times during the past month that a particular path has been open.