SoftAP for allowing one Arduino to talk to another:

<https://github.com/esp8266/Arduino/blob/master/doc/esp8266wifi/soft-access-point-examples.md>

How to setup Arduino with esp8266 for the first time

<https://github.com/sleemanj/ESP8266_Simple>

<https://www.youtube.com/watch?v=qU76yWHeQuw>

There are some github sites using arduino and the wifi module that we have to set up WPS. There are a lot of "issues" cited on github

<https://github.com/rudi48/WiFiTelnetToSerialWPS>

<https://github.com/esp8266/Arduino/issues/2628>

<https://github.com/esp8266/Arduino>

There are lots of examples of communicating between 2 arduinos, here are a few:

<http://arduino.stackexchange.com/questions/17349/connecting-two-arduinos-using-wifi>

<https://github.com/nodemcu/nodemcu-firmware>

<https://github.com/nodemcu/nodemcu-firmware/wiki/nodemcu_api_en>