



ECOLOGICAL NETWORKS

Intro to networks: preassessment

Cytoscape: cell phone simulation

Cell phone activity

Student unfamiliar with networks
Students familiar with networks

Students research extremophiles

Art extension: students make 'wanted' poster of an extremophile

Extension: students use cytoscape to map own networks

GSL case study: students design experiment

Students learn to micropipette

Students analyze class data

Students conduct salinity experiment

Students learn to use a spectrophotometer

Students may need to review food web before discussion of results

Students discuss case study as a network

Assessment: revisit pre-assessment or make network

Extension: students put GSL into cytoscape

Activity

Note