

### Songbird field trip preparation outline:

1. The teacher should choose a park and set up the survey points.
2. The teacher should learn all the birds in the list as well as others they encounter on their set up trip.
3. The students should learn the first 7 bird species (1<sup>st</sup> powerpoint)
4. Assign students each one more bird species. Spend the rest of the first class looking for calls and pictures online (requires computers and internet). They should fill out the species worksheet and save a sound file of their species. Both should be emailed to the teacher.
5. The teacher then makes an ID game for all species to be used the next class. S/he can also print out all the species worksheets as a class field guide.
6. The field trip takes place the next class.

### Field Trip:

1. Go to each point and record all the species you see and hear (bring your field guides and binoculars)
2. Each point should be sampled for 8 – 10 minutes (if possible)
3. Students (and the teacher) should try to estimate the distance away of each call (if you want to estimate species-specific detection and density)

### Analysis:

1. Students should make graphs showing how richness changed across the transect
2. Selected species can be compared according to habitat type