In this folder you will find a lesson/assessment on finches. Students will develop a model for the change in the finch population after the drought in 1977. Students will develop a model of natural selection for finches which will help students apply and demonstrate their understanding of the evolution lesson as a whole.

**Materials for the teacher**

Teacher guide. Filename: *PRACCIS Evolution Lesson 9 Teacher Packet*. The first item to look at is the teacher’s guide. This gives you a complete understanding of the lesson and how to implement it.

Teacher powerpoint slideshow. Filename: *PRACCIS Evolution Lesson 9 Finches Class Slides*. This is for the teacher to use throughout this unit. It includes slides with directions for what students should do, as well as background information.

There is 0 video file associated with this slideshow.

**Materials for the students**

Student packet. Filename: *PRACCIS Evolution Lesson 9 Student Packet*. The student packet includes some information needed for the lesson as well as questions for students to answer individually and in pairs or groups.

Additional Handouts. There are 2 additional handouts associated with this lesson.

*PRACCIS Evidence 1-5 Summary Sheet*. This is a one-page summary of all the evidence for the students to have in front of them at selected points in the lesson (see teacher’s guide).

*PRACCIS Evidence 1-9 Summary Sheet*. This is a two-page summary of all the evidence for the students to have in front of them at selected points in the lesson (see teacher’s guide).

*PRACCIS Finch Models A B*. This is a two-page summary of all the models for the students to have in front of them at selected points in the lesson (see teacher’s guide).

Student powerpoint slideshow 1. Filename: *PRACCIS Lesson 9 Evidence 1-5*. This contains evidence 1-5 for the students to look at with their groups. Instructions are given on both the teacher powerpoint and in the student packet.

Student powerpoint slideshow 2. Filename: *PRACCIS Lesson 9 Evidence 1-9*. This contains evidence 1-9 for the students to look at with their groups. Instructions are given on both the teacher powerpoint and in the student packet.

**Summary of where to find models and evidence**

**Two models and nine pieces of evidence are used in this lesson.**

Model A first appears on slide 15 of the teacher powerpoint.

Model B first appears on slide 16 of the teacher powerpoint.

Evidence 1 through 5 are in the first student powerpoint slideshow. .

Evidence 1 through 9 are in the second student powerpoint slideshow. .

All of the pieces of evidence are summarized on the evidence summary sheet handout for the students.

All of the models are summarized on the model summary sheet handout for the students.

\*We recommend reading the teacher’s guide first and then familiarizing yourself with the rest of the materials.