

## Instructions for the Stratigraphy Model

Your group will use the objects, feature, and associated information on the stratigraphy cards to date your assigned layer. There should be a stratigraphy card for each item in your layer.

1. Assign people in your group to the following jobs: facilitator, object manager, secretary, timeline recorder, reporter, and examiner. Job descriptions are provided on the second page of this worksheet. Cut apart the job descriptions and distribute them within your group. (Let those not assigned as facilitator, object manager, secretary, timeline recorder, or reporter take the lead in examining the objects and feature.)
2. Match each card to the appropriate object.
3. Use the objects, feature, and cards to complete Worksheets 8 and 9.
4. The reporter will share your group's findings with the class. In this report include the name of each item, its date if you have arrived at one, an explanation of how you arrived at the date, the dates your layer might represent, and an explanation of how the group arrived at this date. Be prepared to explain to the class the function, or purpose, of the objects and feature assigned to your group.
5. The Timeline Recorder will place your group's timeline information (from Worksheet 9: Stratigraphy Timeline) on the large timeline on the board as the reporter reads it.
6. Return the objects to the stratigraphy model.

## Job Descriptions

Assign jobs within your group. Cut apart and distribute these job descriptions appropriately.

### Facilitator

Your job is to keep the group on track and moving through the assignment in the time allotted by your instructor. Make sure you know how much time your group has to complete the assignment.

### Reporter

Your job is to share the findings of your group with the class through an oral presentation. You may use Worksheet 8: Stratigraphy Research to make your report.

### Timeline Recorder

Your job is to record information from your group's discussion on Worksheet 9: Stratigraphy Timeline and to write this information on the board as the Reporter shares the group's findings with the class.

### Object Manager

Your job is to collect and return the objects and cards to the correct layer of the stratigraphy model.

### Secretary

Your job is to fill in Worksheet 8: Stratigraphy Research. Use information from your group's discussion to fill in the worksheet.

### Examiner

Everyone in your group is responsible for reviewing the objects and associated information for your layer, participating in your group's discussions, and providing assistance as needed to complete Worksheets 8 and 9.