MARS UNCOVERED: Revealing the Geologic History Through Mapping

Minimum materials required:
- 1 Internet-connected computer per team of students
- Mars Uncovered Student Guide: 1 per student
- Mars Uncovered Mapping Materials: At least 1 set per team of students
  - THEMIS Image Mosaic (Chryse Planitia recommended)
  - Transparency Sheet
  - Set of red, green, blue and black erasable markers
  - Two paper clips (to secure map and transparency sheet)
  - Magnifying glass (optional)

You will find the Mars Uncovered Teacher Guide, Student Guide and three possible images to map at the following links:
Mars Uncovered Teacher Guide
Mars Uncovered Student Guide
Chryse Planitia Image
Shalbatana Image
Tiu Valles Image

Students can simply follow the guide with the teacher leading necessary discussions as recommended in the Mars Uncovered Teacher Guide. If students are going to map one image, the Chryse Planitia image is recommended.

HOMEWORK RECOMMENDATION:
There are two classroom meetings designated for the Mars Uncovered activity. Students should be able to complete the activity in class. Whatever students do not finish in class after Meeting 3, they should finish for homework.