

Exercise 11—Due in section from 27 April

Name: _____

The Sagan Planet Walk

Section: _____

Your assignment is to complete the Sagan Planet Walk in downtown Ithaca. It is a scale model of the Solar System starting on the Commons and extending $\frac{3}{4}$ of a mile to the Sciencenter, and it consists of a series of stations marking the positions of the Sun and all of the planets (including Pluto!). Completing the walk will give you some insight into the scale of the Solar System. An ideal time to visit the Sagan Planet Walk would be late on a Saturday morning, as all of the stations where you would get your passport stamped will be open. If any are closed, the Sciencenter will help you out with stamps. Have a look at the website for the Sagan Planet Walk for more useful information, like maps, how to download Bill Nye's audio tour, etc.:

<http://www.sciencenter.org/saganpw/>

To complete this assignment, you must take the Sagan Planet Walk and turn in the following:

This handout. Be sure to get each planet stamped on the back, and also be sure to estimate how long it took you to walk each leg. The following businesses can stamp your passports:

Sun, Mercury, Venus, Earth, and Mars

15 Steps Gallery, 171 The Commons, M-Sa 10-6 (F to 8), Su 12-5

M&T Bank, 118 N. Tioga, M-F 9-5, Sa 9-12

Jupiter and Saturn

The Cat's Pajamas, in Dewitt Mall, M-F 10-5:30, Sa 10-5, Su 12-4

Uranus

Kinney Drugs, 513 N. Cayuga St., M-Sa 9-6, Su 9-1

Neptune

P&C Foods, 212 Hancock, 7-9 every day

Pluto

Sciencenter, 601 1st St., M closed, T-Sa 10-5, Su 12-5

A brief description of the walk. Each planet station comes with information about that planet. Can you find any errors? There is at least one at the stations on the Commons. What are your impressions of the relative spacing of the terrestrial planets compared to the jovian planets? What about their sizes? This does not have to be a lengthy essay. A series of comments will suffice, but more is always welcome (such as photographs of happy students at stations).

Be sure that each page of your submission includes the exercise number, your name, and your section number.

Station: **Sun**
Time at start: _____

Station: **Mercury**
Walking time: _____

Station: **Venus**
Walking time: _____

Station: **Earth**
Walking time: _____

Station: **Mars**
Walking time: _____

Station: **Jupiter**
Walking time: _____

Station: **Saturn**
Walking time: _____

Station: **Uranus**
Walking time: _____

Station: **Neptune**
Walking time: _____

Station: **Pluto**
Walking time: _____