

Read the following 2-page article, which is posted on the wiki site.

The Gravitational Landscape of the Solar System, by Willem H. van den Berg.  
The Physics Teacher -- September 2008 -- Volume 46, Issue 6, pp. 363-364

Using Excel (or something equivalent), see if you can duplicate the graph that is shown in the article, using the  $V_G(r)$  equation that is given on the second page of the article.

Score: out of 20 points.

80% if you duplicate the graph, all the way from the Sun to beyond Jupiter.

100% if you also do the inset to the graph, showing the gravitational landscape in the vicinity of the Earth.

Hand in your version of the graph(s) at the next session.