

**change shown
contour lines**

**peaks valleys
depressions**

**equal change
between each line**

**topographic map
is a quadrangle**

**distance between
each line
contour interval**

**Thematic maps
colors represent
population
geologic formations
precipitation
types of plants**

**contour interval
for the map
determined by
the elevation change**

**Elements
consist of atoms**

**Contour shapes
denote particular
land features**

**cannot be
chemically changed
or separated**

**atoms consist
of electrons
protons neutrons**

**Neutrons
no charge
one a.m.u.**

**protons
and neutrons
in the nucleus
electrons orbit
around nucleus
cause chemical
reactions
electrons
negative charge
almost no weight**

**Anything with mass
called matter
Matter on earth
has three phases**

**solid
definite shape
and volume**

**Protons
positive charge**

**liquid
no shape
definite volume**

**one atomic
mass unit**