


## II. Explore

### Mental Maps and Reading Remotely Sensed Images

#### A. Mental Mapping: Individual and Group Work

1. Draw a map of the neighborhood around your school and circle the locations which you think offer good jobs for high school-aged youth. Student Resource IV

Student Resource IV: Mental Map


2. Next, for each location you have circled, draw a line to the margin of the map and provide a one to two sentence description of the location and type of job. (We will use the maps as comparison with remotely sensed images and commercial maps later.)
3. Group  
Share your map with a small group and discuss what you each circled, paying attention to similarities and differences.  
Summarize this for your class and report out.

#### B. Comparing mental maps and remotely sensed images

1. Looking at the list of jobs your teacher has given you, add more places on your mental map where you might find these jobs.

Do the same thing on an aerial image of the same neighborhood, RS1.

(If you have access to the internet, you can install and look at the Google Earth map yourself on <https://www.google.com/earth/explore/products/desktop.html>. Look for an approximately four block or 1/2 mile radius around your school.)

2. Working in small groups, and using Student Resource V, look at the two maps on which you've marked job opportunities and note the differences and similarities between your mental map and the aerial image.