7-4 Homeostasis and cells

Cell as an Organism

* A of the organisms on this earth are celled, and they live just like any other organisms
* All organisms must maintain
* Homeostasis is maintaining a constant condition
  + Grow, respond to change, transform , and
* Single celled organisms like (bacteria) can live almost anywhere
* Describe what single celled fungi and algae do on page 214

Multicellular Life

* Cells of multicellular organisms are
  + They all need to for life to exist as a
* Cell specialization
  + Multicellular organisms contain for particular
  + All of these individual functions help
* Specialized plant cells like are outside but light enough to float.
  + Also contain that allow for better
* Describe the specialized cells of animal cells on page 215

Levels of Organization

* cells working together are types of
* These tissues all work together to create an
* When there are many organs working together for a task there is an
  + Stomach, pancreas, and intestines to create the system

Cellular Communication

* Cells of communicate through signals and can down of the cells
* Sometimes when organs are to each other they will have responding to one another
* Describe the electrical signal the heart send out on page 217