Use the terms in the box to complete the sentences.

<table>
<thead>
<tr>
<th>science</th>
<th>physics</th>
<th>astronomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>chemistry</td>
<td>Earth science</td>
<td>meteorology</td>
</tr>
<tr>
<td>life science</td>
<td>geology</td>
<td>oceanography</td>
</tr>
</tbody>
</table>

1. _______ is a process of observing and studying things in our world.
2. The four major sciences include _______, life science, chemistry, and physics.
3. _______ is the science that studies living organisms.
4. The science of _______ is the study of objects in space.
5. When you study forces, motion, energy, and their effects on matter, you are studying _______.
6. In _______, scientists study Earth, its matter, and the processes that form and change Earth.
7. _______ is the study of the properties and composition of matter.
8. The study of weather and the forces and processes that cause it is called _______.
9. In _______, people study the processes that occur within the ocean and the effects humans have on these processes.

Complete Items 10 and 11 on the lines provided.

10. List four specific areas of study of Earth science.

_________________________________________________________
_________________________________________________________
_________________________________________________________
_________________________________________________________

11. Use Table 1-1 in your text. What will you study in Earth science? ____________________________

_________________________________________________________
_________________________________________________________