**Space Technology and Human Needs**

Many of the technologies that we use today were originally intended for use in space. Even stalking our friend's houses on “Google Maps” uses technology designed for Space investigation. These are **SATELLITES.**

**Satellites** are sometimes referred to as “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”. They are \_\_\_\_\_\_\_\_

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We will investigate 4 different types of satellites this year. Read pages 429 – 430 in your text and fill in key information/images that relate to these technologies.

|  |  |
| --- | --- |
| **Communication Satellites** | **Satellites for Observation & Research** |
|  |  |
| **Remote Sensing** | **Satellites as Personal Tracking Devices** |
|  |  |

***Complete the Skill Practice activity on the back of this page.***

Last class, we learned about materials that function well in space to help ensure our survival. There are many items, materials and systems originally designed for a space application that have been put to practical use on Earth.

Compare the use of different technologies in space vs. Earth using page 431 of your text.

When you are finished, complete the Section Review found on page 433.