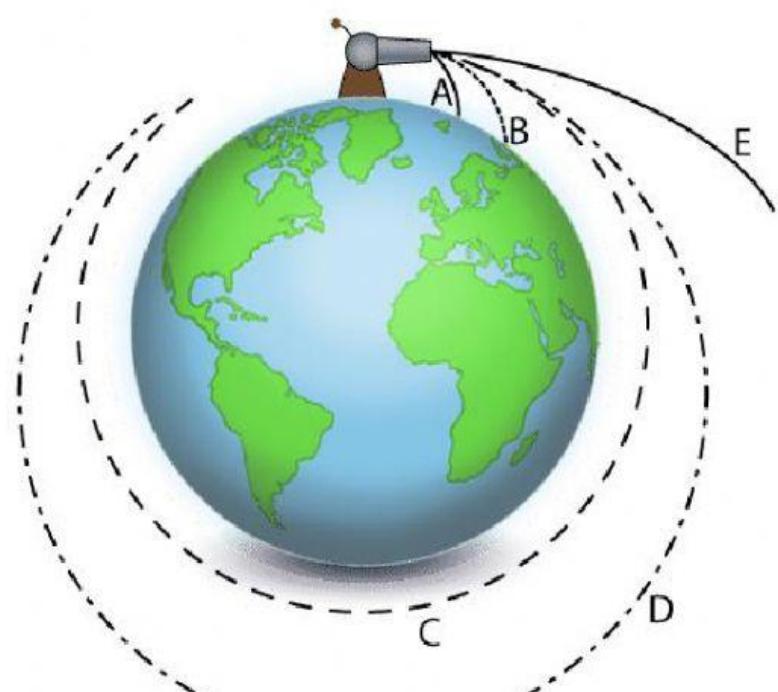


2.13 Satellites, Shuttles, and Space Stations



[Figure 4]

1. How does a rocket work?
2. Why are there so many satellites orbiting Earth at this time?
3. How do artificial satellites stay in orbit? Is this how natural satellites, like the Moon, stay in orbit?

1. How do scientists study Earth from space?

2. What does the Aqua satellite do?

3. What does the Terra satellite do?

4. What is Landsat?

5. Why is it important?

6. What has been learned from Landsat images?

1. What is the electromagnetic spectrum?

2. What type of waves have the shortest wavelengths?

3. What type of waves have the longest wavelengths?

4. What do electromagnetic waves transmit?

5. Define wavelength.

6. Define frequency.

7. What type of waves have the lowest frequency?
8. What is the visible light region?
9. How is colour produced?
10. What do scientists use the electromagnetic spectrum for?