

For the Unit 1 Test you will need to know:

1. Plane terms: force, thrust, lift, gravity, and drag
2. Rocket events: Apollo 11 (including date), Sputnik
3. Rocket people: Goddard, Gagarin, Tereshkova, Armstrong, Aldrin, Collins
4. Rocket terms: inertia, friction
5. Moon facts:
 - a. Direction and duration (how long) of orbit
 - b. How far it is to the moon
6. Sun facts:
 - a. What is the sun and what it is made of (state of matter and which elements)
 - b. The process that creates the light and heat that enables life on Earth
 - c. How does it hold the solar system together
 - d. How does it protect the solar system
 - e. How far is it to the Sun
7. Solar Oven:
 - a. terms: reflection, absorption, insulation, transparent, modifications
 - b. identify which materials we used for each term
8. Planets facts:
 - a. order from the Sun
 - b. at least one fact (in addition to their order) about each planet
9. Solar system terms:
 - a. Definitions: rotation versus revolution, orbit, axis, satellite, AU (astronomical unit), tilt, constellation, meteor, comet, asteroid, galaxy, universe
10. Earth:
 - a. Why is there life on Earth?
 - b. Why do we have seasons?
 - c. Why do we have day and night?
 - d. What causes tides and how?

I suggest you write the 'answers' on a separate sheet of paper.