Space Test Study Guide

Please encourage your student to study this material. The test will be on Thursday, February 9th. If school is out for snow, the test will be rescheduled. This test is worth 50 points. Your student will earn 1 bonus point if this study guide is signed and turned in on the day of the test. Your signature verifies that your student has taken time to study the material listed. Completed science worksheets will also be sent home as study material once the unit is finished. Thank you for your encouragement and support. If there are any questions, don’t hesitate to contact me!

Thanks, Ms. Harnack

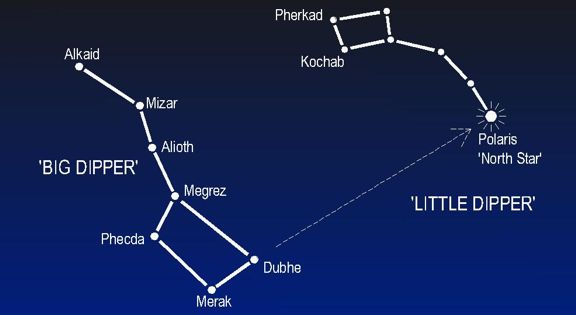
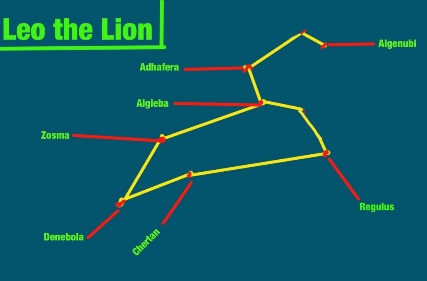
(270) 320 – 2587

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Sun is not the brightest star. It appears so bright to us on Earth because it is the closest star to the Earth.

Stars are more easily seen in the country. City lights are often too bright for stars to be seen. Even though they may not be visible, the stars are still in the sky.

Stars can be different colors and sizes. Stars can have different levels of brightness.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjTjuj_qsfRAhVm2IMKHTeQA9YQjRwIBw&url=https://misfitsandheroes.wordpress.com/tag/big-dipper/&bvm=bv.144224172,d.amc&psig=AFQjCNHXDM37Nc52VRG6ipvU7oRIbgAftQ&ust=1484679091356439)[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwi-r7DBrMfRAhWB8oMKHZNLDDYQjRwIBw&url=https://jwroom211.edublogs.org/2013/02/05/constellation-project-byluci-j/&bvm=bv.144224172,d.amc&psig=AFQjCNEsqCc3jj2-NHEQLYNSub6sQs56YQ&ust=1484679231278352)[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj_sdPSqsfRAhWL34MKHYqAAJoQjRwIBw&url=https://www.pinterest.com/explore/orion-tattoo/&bvm=bv.144224172,d.amc&psig=AFQjCNEwwAMSnTFDZJJY5NI3sjgl6bpFXw&ust=1484679055032665)

Constellations are pictures that are formed by connecting stars with imaginary lines.

(Students only need to know the name of the constellation. Students will not be required to know star names.)

Orbit is the curved path of an object around a star, planet, or moon.

The Moon orbits the Earth. The moon is smaller than the Earth. There are no living things on the Moon. There are craters on the Moon. The Moon has no water. The Moon has no air. The Moon goes through different phases. The opposite of a Full Moon is a New Moon. We see the Moon because of the light from

the Sun.

The Earth orbits the Sun. The rotation of the Earth determines day and night.

Shadows are the longest in the early morning and late afternoon. The sun is directly overhead at noon. Shadows are the shortest (almost not visible) at noon.

The Sun is much larger than the Earth. All of the planets orbit the Sun.

Mercury is the closest planet to the Sun. Neptune is the farthest planet from the Sun. Jupiter is the largest planet. Saturn is known for its ring system. Neptune is the coldest planet.