

## **Camelot is excited to offer an after-school Astronomy class as an elective X-offering!**

This after-school class will meet during each of the three, two week X sessions (Aug/Sept, January and May) from 3:30 - 5:30 PM\* and will explore three major units with lessons directed by student interest:

1. The Formation of the Universe
2. Our Solar System
3. Stellar Life Cycles

As a part of this class, students will learn the fundamentals of astronomical observations, take field trips to the Morehead Planetarium, and participate in a number of hands-on labs including using spectrometers to identify the direction of cosmic movements, experiments with gravity, and explorations of how different gasses burn to create specific classes of stars - all while contemplating our place in the universe. Additionally, students who participate in this class will have the option to attend several stargazing labs at the Camelot Farm (parents welcome)!

Students are welcome to participate in one or all of the sessions; however, **students seeking to obtain academic credit must attend all three sessions, one evening star lab per session, as well as complete two independent projects of their choosing (and Mr. Thomas' direction)**. Please note, while this is a survey class and topics will be covered relatively broadly, students should expect to learn and demonstrate mastery of several mathematical concepts. Astronomy is open to students in grades 9-12, *and Grade 8 with instructor permission and sufficient demonstrated math knowledge.\**

\*Plus one after-dark star lab per each of the three sessions

**Minimum Enrollment of 5 students for class to run**

**PLEASE RETURN THIS FORM AND PAYMENT BY FRIDAY, AUGUST 25.**

**Student Name:** \_\_\_\_\_

**Registering for:**

\_\_\_\_\_ **Session One (only). (\$175)**

\_\_\_\_\_ **All 3 Sessions (elective science credit) (\$480- payments may be made in thirds, August, January and May)**

\_\_\_\_\_ I am paying the full amount of \$480

My student will attend all 3 Sessions and I will pay \$160 on the following dates:

\_\_\_\_\_ August 25<sup>th</sup>

\_\_\_\_\_ January 15<sup>th</sup>

\_\_\_\_\_ May 15th

Payment form by: \_\_\_\_\_ Check    \_\_\_\_\_ Bank Draft    \_\_\_\_\_ Credit Card

**\*NOTE: 8th grade students need permission of the instructor to enroll**