

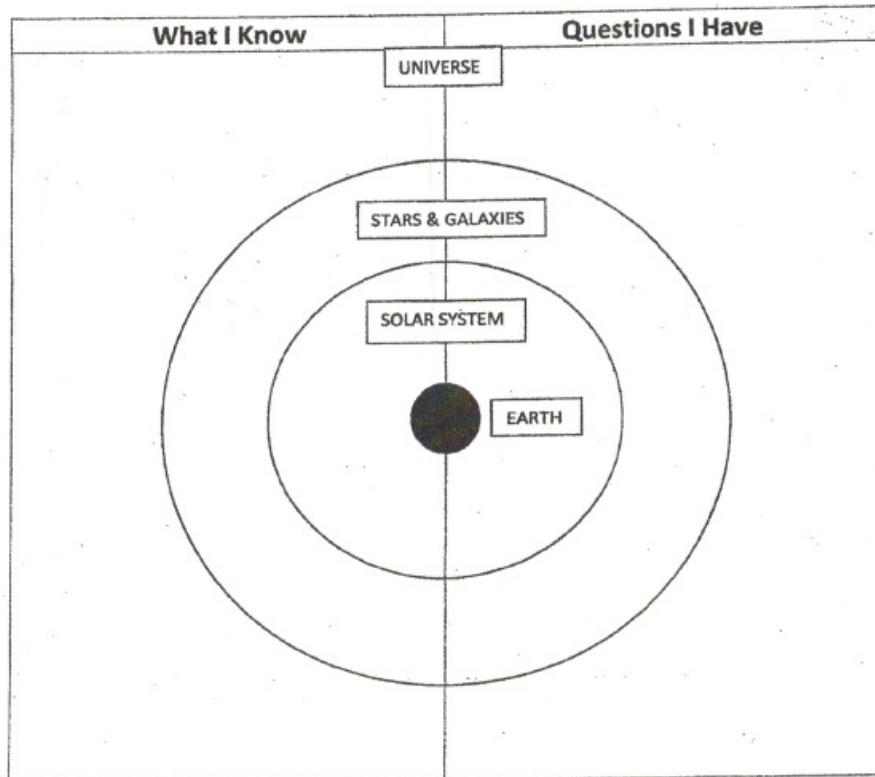
INTERMEDIATE SCIENCE 9
UNIT 1: SPACE
WORKSHEET #1: INTRODUCTION TO SPACE



STUDENT NAME: _____

HOMEROOM: _____

What do you want to know about the universe?



- Astronomy** refers to a branch of science that deals with celestial objects, space, and the universe as a whole
- Universe** contains space and celestial bodies
- Celestial body** is any natural body outside of the Earth's atmosphere such as planet, a moon , a comet, an asteroid or a star.
- Galaxy** is an enormous collection of gases, dust, and billions of stars held together by gravity.
- Star** refers to a celestial body of hot gases with a nuclear furnace at its core. Therefore, it gives off light and heat
- Planet** refers to a celestial body moving in an elliptical orbit around a star
- Solar System** is everything that centers around the sun. That includes eight planets as well as some smaller objects such as asteroids, comets and meteoroids

1. Imagine you are answering a letter from an alien in another part of the universe. How would you write your return address?(Street, Community/Town/City, Province, Country, Planet, Solar System, Galaxy, Universe).

2. Individually complete the table below Please list “5 things you know” and “5 things you want to know” about the universe in the table below: [10]

Things you know...	Things you want to know....

3. Now, you will share your table with others in the class. Please use the table below to record 5 things your classmates know or want to know about the universe. Only record information that was different from your table. [10]

Things your classmates know...	Things your classmates want to know....